

Kumar Shanu

Technical Lead | Senior Full Stack Engineer | MEAN Stack Developer

Well-qualified Full Stack Web Developer and Micro-services Developer | Proficient in fundamental front-end languages and server-side languages | More than 3 years of experience in Software Development | Sound understanding of nodejs, express, DB queries (mongo, MySQL), Angular, Php, React, React Native | Skillful creating servers and databases for functionality and designing and developing API's | Technical Documentation

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🐙 <https://github.com/kumarshanu19>

EDUCATION

XI-XII (BSEB)

M.L.S.M College

07/2013 - 05/2015

Darbhanga, Bihar

Courses

- Mathematics & Bio

B.E, Electronics & Communication Engineering

Rajiv Gandhi Technical University

08/2015 - 05/2019,

Bhopal, MP

Courses

- Electronics & Communication Engineering

WORK EXPERIENCE

Quintus Tech Private Limited

Technical Lead / Sr. Full Stack Developer

09/2022 - Present, Indore (Madhya Pradesh)

Achievements/Tasks

- Lead a team of 20 members (Web & Android with Graphic designers) to build the one-stop product.
- Conducting technical interviews for software engineering positions.
- Evaluating candidates' problem-solving skills and ability to write code.
- Developed a tech culture by driving various initiatives across the organization (Like Scheduling training 1:1 sessions and meetings to discuss improvements)
- Provide support to clients & team on complex issues.
- Reviewed code, debugged problems and corrected issues.
- Worked closely with clients to establish specifications and system designs.
- Developed Inhouse Project management tool for managing projects TAT & Team Assignment
- Report Team performance & Own development status to the manager also director
- Determining project requirements and developing work schedules for the team.
- Delegating tasks and achieving daily, weekly, and monthly goals.
- Liaising with team members, management, and clients to ensure projects are completed to standard.
- Design and Implement **Selling API on service based** from scratch to deploy single handed.
- Identifying risks and forming contingency plans as soon as possible.
- Being transparent with the team about challenges, failures, and successes.
- Writing progress reports and delivering presentations to the relevant stakeholders.
- Developed API & portal which help a fin-tech to upgrade a user's KYC on their platform. Aadhaar OTP-based KYC, RD service onboard for MATM & AEPS service with the help of finally API service provider
- Maintaining BPMN (Business Process Modeling Notation) workflows of applications related to EKYC services for fin-tech. These receive traffic of about 10K applications per day.

Technology Used: Angular (12,13,14,15), nodejs, express, Redis, charts, 3rd party API, Jira, MongoDB, SQL, Project management tools & Excel, cloud

Tracknovate Technologies Private Limited - (1 yr 3 mos)

07/2021 - 09/2022, Indore (Madhya Pradesh)

Technical Lead

06/2022 - 09/2022

Achievements/Tasks

- Developing and maintaining the front end of a web application using technologies such as HTML, CSS, and JavaScript, Angular, Nodejs
- Extensive experience in software development and engineering, with a proven track record of delivering successful projects
- Strong leadership skills, with the ability to lead and mentor a team of developers
- Expertise in a variety of programming languages and technologies.

SKILLS

Primary Languages: JavaScript (nodejs), Typescript, Bash

Web Technologies: HTML, CSS, JS, Angular, React

Frameworks: Angular, Bootstrap, Express.js

Hybrid Apps: Cordova, Ionic, React Native, Angular PWA

Deployment Tools: AWS, Digital Ocean, Google Cloud Platform, Domain configuration, NGINX, Docker, PM2, SSL

Graphics: Figma, Adobe Xd, Adobe illustrator & Photoshop

OS: Windows, Any Linux os

Other: Kafka, Rabbitmq, Socket io, Jira, Project Management, Git, Monolithic & microservice based api, Postman, Agile Methodologies

Team Lead, Project Lead, Angular Universal, Optimization code

- o Experience in agile development methodologies and ability to drive continuous improvement in team processes
- o Strong communication skills, with the ability to translate technical concepts to non-technical stakeholders.
- o Experience in managing budgets and resources, and in driving cross-functional collaboration to deliver projects on time and within budget
- o Working with project managers to estimate the time and resources needed for development tasks.
- o Integrating the front end and back end of a web application
- o Ensuring that the web application is responsive and works across different devices and browsers
- o Testing and debugging the web application and writing technical documentation for the application.
- o Collaborating with a team of developers, designers, and project managers to complete projects
- o Staying up-to-date with new technologies and best practices in web development

Technology Used: Angular (9,10,11,12,13), nodejs, express, Redis , charts , 3rd party API , Jira, MongoDB, SQL, cloud computing, React, React-Native, Tracking Software

o Sr. Full Stack Developer

09/2021 - 06/2022 - (Full Time)

Achievements/Tasks

- o Working scratch to deploy fintech inhouse application (BBPS Service, Travel - Bus, Flight, Hotel booking, Insurance services) on MEAN Stack
- o Data encryption & decryption for 3rd party BBPS, AEPS, MATM
- o Dynamic Role based admin with permission management
- o Built a web portal's notification service using Kafka-integrated it with a separate in-house service that interacts with a third-party push notification service - WebEngage
- o Database design (MongoDB) with wallet management system integrated custom UPI for wallet recharge any payment QR scanner

Technology Used: Angular (8,9,10), nodejs, Express, MySQL, Redis, 3rd party API, Jira, MongoDB, Cordova, ionic, Linux Server Setup environment

o Full Stack Developer

07/2021 - 09/2022 - (Part-Time)

Achievements/Tasks

- o End-to-End APIs integration and testing of multiple life insurance partners, bill payments such as policy bazaar, K.M. Dastur Reinsurance Brokers, bbps, pay sprint, etravos etc. with the broking backend server. Improves UX.
- o Support provides development team for running project improvement.
- o Dynamic website design & developed with SEO

Technology Used: Angular (8,9,10), nodejs, Express, MySQL, Redis, 3rd party api , Jira, mongoDb, HTML, CSS, SCSS, Js, Digital Ocean, Hosting

ITE Infotech Pvt. Ltd. - IUMS CELL

Software Developer (MEAN Stack)

07/2020 - 07/2021, Bhopal (Madhya Pradesh)

Achievements/Tasks

- o Worked with 30 developers on m.p.gov. Project.
- o Worked closely with the product team to build University Management System, Evaluation Panel, Online Exam Portal & multiple Government projects using Angular (7, 8,9 10).
- o Created REST APIs that were used across the organization and scaled to over 28 lac concurrent users.
- o Designed the database schema for a new B2B SaaS product that closely integrated with existing APIs.
- o Created a data product with an Angular front-end and a Node back-end that enabled users to monitor and evaluate their cloud usage over time.
- o Collaborating with a team of developers to design, implement, and deploy web applications.
- o Creating wireframes and prototypes to visualize the layout and functionality of the interface

Technology Used: Angular (8,9), nodejs, Express, Redis, Payment Gateway, MongoDB, HTML, CSS, SCSS, Js, AWS, customized website UI/UX design, Graphics design

Puffin Software's

MEAN Stack Developer (Internship)

07/2019 - 03/2020, Bhopal (Madhya Pradesh)

Achievements/Tasks

- o Developing web applications using the MEAN stack. This may involve designing the user interface, implementing the back-end logic, and integrating the various components of the stack
- o Learning and understanding the MEAN stack and how to use it to build web applications.
- o Learning about and implementing best practices for web development.
- o Worked on the live project on their client **Dev Musical**
- o Writing code to implement features and functionality of the application also Testing and debugging code to ensure it is working as expected.
- o Documenting your work and keeping track of progress

Technology Used: Angular (6,7), nodejs, Express, mongoDb, HTML, CSS, SCSS, Js , UI/UX design, Graphics design

PROJECTS

(Worked on 40+ projects few of them listed below.)

1. Integrated University Management System (M.P Government Project)

<https://mpiums.in>

<https://mpiums.in/student>

IUMS is a software platform designed to help universities and colleges manage various aspects of their operations, including student enrollment, course scheduling, grading, and financial aid. IUMS systems often include modules for managing faculty and staff and handling admissions and registration processes.

- Working with the project team to understand the business requirements and functional specifications of the IUMS system
- Paper setter with paper allotment
- Report MP Raj Bhawan every week on governor and their Ps as well universities VC
- Creating complex queries for MongoDB
- Developed online exams software module in the student portal for technical students such as B.Tech, M.tech semester exams and PHD entrance
- Manage results data and worked on the result processing module.

Technology Used: nodejs, Express, MongoDB, Angular (9,10,11), Google API for coordinate location, payment gateway, excel

2. Quintus API Selling

<https://quintus.webcaresoftwares.com>

<https://quintus.webcaresoftwares.com/admin>

API allows different software systems to communicate with each other and exchange data, and a website that sells APIs may provide access to APIs that are related to travel, such as APIs for retrieving flight information, booking hotel rooms, or accessing destination recommendations. Developed a system for managing API keys and access and tracking usage and billing.

- Created Single handed API & Add extra layers of security on API access
- Designed User panel and admin Panel
- Integrated All APIs on frontend
- Configure server and deploy UAT/Staging/Live

Technology Used: nodejs, Express, MongoDB, Angular (14,15), google APIs such as OAuth2, location etc.

3. Gaura (Android app)

This app has subscription & vendor-based solutions where vendors get commissions on their customer's utility bookings and payments.

- Worked on backend API with backend team
- Designed Databased and their flow
- Create swagger documentation for the android team

Technology Used: nodejs, Express, mongoDb

4. PMS (Property management System)

- Worked on backend API designed DBS.
- Developed frontend roles based like super admin, property owner and their employee

Technology Used: nodejs, Express, mongoDb, figma

5. Action Plus Bharath

<https://play.google.com/store/apps/details?id=com.actionplus>

Action Plus offers Maid Services exclusively for Gated Communities with proper Training, Supervision, and with Background Verification.

- Worked on API Integration
- Integration PayU payment gateway

Technology Used: React native, android studio

6. Doorpar

www.doorpar.com

<https://play.google.com/store/apps/details?id=com.urgen.groceryStore> (URGEN UI APP- DEMO)

E-commerce website Medicine, Grocery, Electronics, books, Pan Shop, Pest Control, AC repair & much more delivered & serviced at your doorstep in 1-Hour. FASTEST SERVICE.

- Transformed website WordPress to MEAN Stack
- Hybrid App convert web app into android app

Technology Used: Wordpress , Angular, nodejs, mongoDB

7. VOSO Store Partner

<https://vosostore.com>

<https://play.google.com/store/apps/details?id=com.ttpl.vosostorepartner>

<https://play.google.com/store/apps/details?id=com.vrtpl.vosostoredmt>

<https://voso.online>

<https://voso.online/superadmin>

VOSO was founded to create a multi-purpose platform for stores to apply as a single-point service provider for their customers.

- Designed Database & developed API
- Developed frontend and super admin
- Cloud deployment and server configure

Technology Used: Angular, nodejs, MongoDB, Nginx, Redis, pm2 , digital ocean, ssh

8. Print Poster

<https://printposters.in>

Online Printing website

- Website design on Angular universal & Optimize website for SEO
- Collaborate with the google team for GTAG implementation for order placing success conversion.
- Hybrid App convert web app in android API & Configure server for frontend and backed separate
- Image Editing custom plugin implements, Image upload and size calculation in pixel and calculate price as per pixels price

Technology Used: Angular, nodejs, mongoDB, ubuntu

9. SPA Group

<https://thespagroup.in>

<https://thespagroup.in/ecocity>

<https://thespagroup.in/franqipani-estates>

SPA group it's a real state project

- Website HTML, CSS, and JS customized design & develop
- Involves building the actual website, including the front-end design and user interface, as well as any back-end functionality such as database integration and content management.
- Deploy on AWS server.

Technology Used: Html, CSS, js, AWS, git

10. Doctorsand

<https://doctorsand.com>

<https://doctorsand.com/portal>

B2B managed marketplace for construction materials with a focus on high-volume construction products being sold under its own brand.

- Website HTML, CSS, and JS customized design & developed for the website
- Developed portal in angular 11 & integrated API all routes.

Technology Used: Html, CSS, js, AWS, git, bootstrap, angular material, angular 11

11. Guitar Price

<https://www.guitarprice.in>

Guitar Price took legacy on and took the business on an online portal with the vision of supporting musicians across every corner of India. The online platform is getting record-breaking hits and achieving substantial growth in sales and customer trust.

- Designed database on mongo and developed API
- Developed Ecommerce based website in angular 12 & integrated API all routes.
- Implemented view product image like amazon image zoom effect

Technology Used: Html, CSS, js, AWS, git, bootstrap, angular 12

12. Eduvia

<https://eduvita.in>

At Eduvita, they work with the client to optimize their business from the top down. Using the modern-day cloud system, they provide users with the right enterprise resource planning. The group of professional IT team and consultants are always available to help client data be managed and accessed which helps you manage day-to-day activities instantaneously.

- Oversees the overall project, sets goals and timelines and coordinates the work of other team members. Use documentation, and blogs to develop a production-level bug-free website.
- Develops the website using PHP and other technologies, such as HTML, CSS, and JavaScript.
- Designs the layout and user flow of the website to optimize the user experience.

Technology Used: PHP, Mysql, Apache server configuration

CERTIFICATES

- A Guide to Securing Node.js Applications (12/2022)
<https://www.educative.io/verify-certificate/8q5JqjuQvrQpwD2NIFEWYYM3rLkRtg>
- APIs with NodeJS by The Net (12/2022)
<https://cursa.app/en/my-certificate/0909c2acb89c7235a81ba5dc6acd4106>
- MongoDB (12/2022)
<https://cursa.app/en/my-certificate/151694ce56a6b282ac5d8498711c905c>
- Google Maps API (12/2022)
<https://www.educative.io/verify-certificate/q5g3ywc4ymw544oYPcyVBB3p0QXKfk>
- React JS (12/2022)
<https://cursa.app/en/my-certificate/d351c74b9bbf9288fb4ae71ba7ec9056>
- For more refer to [LinkedIn](#)