

# Tanmay Vinod Jalgi

## SOFTWARE ENGINEER

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### EDUCATION

#### PUNE UNIVERSITY

Master Of Computer Application  
2019 - 2022 | CGPA: 8.68/ 10

#### PUNE UNIVERSITY

Bachelor Of Computer Application  
2016 - 2019 | Percentage: 64.46%

### SKILLS

- Node.js
- Express.js
- Hapi.js
- JavaScript
- MongoDB
- TypeScript
- Socket.io
- HTTP
- MQTT
- Docker
- Git
- HTML
- CSS
- Postman
- REST API's
- Draw.io
- apiDocs
- Agile Methodology
- Teamwork
- Communication

### KNOWN LANGUAGES

- English
- Marathi
- Hindi
- Telugu

Git Repository URL

**Blogging Website**

Technologies Used for

Blogging Website

- Node.js
- Express.js
- MongoDB
- JWT
- EJS

### EXPERIENCE

#### NETWORK COMPONENTS PRIVATE LIMITED | Software Engineer

2.9 Year | April 2022 - Present | Pune

I have been working as backend developer where my role is to make the communication with database and frontend applications as well as other devices, the project on which I was working were based on IoT.

- Designing and developing APIs to ensure efficient and scalable server-side applications.
- Writing clean, efficient, and maintainable code, and continuously optimizing performance.
- Collaborate with the front-end(App) team to integrate server-side API's.
- Participating in code reviews to maintain code quality and consistency.
- In addition to my technical contributions, I have mentored a junior professional.

### PROJECTS

#### Clouzer Edge

- Developed REST APIs utilizing the Hapi.js framework.
- Created APIs for App which uses MQTT protocol to communicate with server.
- Used Socket.io to communicate with server for local network.
- Worked with JWT tokens for ensuring the security, access and integrity of data regarding to users, devices and other meta data.
- Wrote queries to manage CRUD operations over complex data.
- Worked on OAuth 2.0, to integrate third party application into the project.
- Utilized various node.js libraries's to solve the complex real world problems.
- Tested REST APIs using Postman and wrote testscript to test other APIs using Mocha testing framework.
- Maintained code using sonarLint.
- Well Documented the Flows and APIs using apiDocs.
- Worked with docker commands.

#### EnviroKlenz

- Engaged in requirement analysis, coding, and implementation of the application.
- Designed APIs to communicate with the devices and Cloud services(on premises service).
- I engineered driver software to gain command over diverse smart devices.
- Streamed data to the cloud using MQTT to run functionality on cross-platforms.
- Trained a developer to handle the projects various flows.
- Drawn flow diagrams, sequence diagrams for other teams to understanding as well as for documentation.
- Worked with docker commands.

### PROJECT FOR SELF LEARNING

#### Blogging Website

- I developed a dynamic blogging website using Node.js, Express.js, MongoDB, and EJS.
- The platform allows users to create, read, update, and delete blog posts, with a focus on user-friendly design and efficient content management.
- MongoDB serves as the database for storing user information and blog content, while EJS templating engine is used for rendering dynamic HTML pages.
- The website also features a responsive layout, user authentication, and proper error handling for an optimized user experience.
- This project emphasizes the seamless integration of the backend and frontend for smooth operation and interactivity.