

# 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

#### Programming Language

JavaScript, TypeScript,  
HTML5, CSS3

#### Frameworks

Serverless, Express.js,  
Hapi.js, Mocha

#### Database

MySQL, PostgreSQL,  
MongoDB

#### Tools

Bitbucket, Jira, Confluence,  
Prisma, Docker, Postman,  
Git, MkDocs, MantisBT

#### Technologies

AWS Cloud Services, MQTT,  
Mosquitto

#### Others

Node.js, Socket.io, REST  
API, Mongoose, CI/CD

### KNOWN LANGUAGES

- English
- Marathi
- Hindi
- Telugu

### Git Repository URL

### Blogging Website

### EXPERIENCE

Backend Developer with hands-on experience building scalable, cloud-native applications using the Serverless Framework and AWS services (Lambda, API Gateway, SQS, SNS, Cognito). Strong in designing and optimizing relational databases using MySQL, with a focus on performance and data integrity. Proficient in Node.js and JavaScript, with a deep understanding of RESTful APIs, event-driven architecture, and modern backend development. Quick learner, collaborative, and passionate about clean code and cloud solutions.

### SOFTDEL SYSTEMS PRIVATE LIMITED | Software Engineer

March 2025 - Present | Pune

#### PROJECT

##### Hero Cloud Web App

- Built and deployed serverless applications using Serverless Framework integrated with AWS Lambda, API Gateway, S3, EventBridge, and SQS/SNS for asynchronous processing.
- Implemented secure user authentication using AWS Cognito and role-based access in serverless APIs.
- Developed backend APIs using Node.js v20 with MySQL v8, ensuring high availability and efficient data handling.
- Involved in requirement gathering and understanding the client's requirements through the business point of view and converted them in maintainable code.

### NETWORK COMPONENTS PRIVATE LIMITED | Software Engineer

3 Years | April 2022 - January 2025 | Pune

#### PROJECTS

##### Clouzer Edge

- Developed REST APIs utilizing the Express.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.

##### EnviroKlenz

- Engaged in requirement analysis, coding, and implementation of the application.
- Designed APIs to communicate with the devices and Cloud services(on premises service).
- 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.