

Sanket Jagtap

Full Stack Developer

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Summary

I've been creating web and mobile applications for over 4 years, focusing on scalable solutions that work well in practical situations. Angular and Node.js are part of my primary stack, in addition to PostgreSQL and MongoDB for databases. I've deployed and managed applications on AWS, and I enjoy working with WebSockets for real-time functionality, microservices, CI/CD pipelines, and REST APIs. I have also used Redis for caching. I've overseen small development teams and completed projects successfully.

Technical Skills

Frontend: Angular, Ionic, JavaScript, TypeScript, HTML5, CSS3, Bootstrap, Material UI, RxJS

Backend: Node.js, Express.js, NestJS, RESTful APIs, WebSockets, Microservices

Databases: PostgreSQL, MySQL, MongoDB, Redis, Prisma, Sequelize

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS, Route 53), Nginx, PM2, GitHub Actions, CI/CD, Docker

Tools: Git, GitLab, Postman, Jest, Mocha, Jasmine, SonarQube, Agile, Scrum, SDLC

Professional Experience

Senior Software Engineer

Pegasus InfoCorp 09/2024 - Present | Mumbai, India

- Built scalable web and mobile apps with Node.js, Express.js, and Angular, which improved response times and made the UI more responsive
- Created and integrated RESTful APIs for loan management and insurance workflows, working directly with partners like KreditBee and Motilal Oswal
- Improved MySQL database performance by redesigning schemas, optimizing queries, and adding proper indexes, which sped up transaction processing
- Set up testing practices, including unit tests, code reviews, and SonarQube analysis, to maintain code quality
- Participated in Agile processes, including sprint planning, daily stand-ups, and retrospectives

Assistant Manager IT

Bajaj Housing Finance Ltd (BASSL) 10/2022 - 09/2024 | Pune, India

- Built an enterprise Retention Portal from scratch using Angular, Node.js, and PostgreSQL, handling everything from gathering requirements to deploying to production
- Set up microservices on AWS EC2, configured Nginx as a reverse proxy and PM2 for process management to keep the system running smoothly
- Automated loan workflows that cut processing time by 85%, reducing it from 2 weeks down to just 2 days
- Managed a team of 4 engineers, doing code reviews, setting standards, and keeping projects on track
- Handled security assessments, fixed VAPT issues, and worked with QA teams on UAT sessions

Software Engineer

Televed Systems Pvt Ltd 11/2021 - 10/2022 | Pune, India

- Worked on healthcare management modules using Angular for the frontend, Node.js for the backend, and MongoDB for storing patient and provider data
- Built RESTful APIs for EHR systems, appointment scheduling, and dashboards for physicians

- Created responsive UIs with Material UI and improved MongoDB performance by adding indexes to speed up queries
- Added RBAC and input validation, and worked closely with product and QA teams throughout the project

Projects

Algo ETF - Automated Trading Platform

06/2024 - 09/2024

Tech Stack: Angular, Node.js, Express.js, Redis, WebSockets, MySQL, AWS, GitHub Actions

- Built a real-time trading platform that connects to multiple broker APIs, using Redis Pub/Sub and WebSockets to execute orders quickly and stream live market data
- Created a microservices backend with Node.js and Express.js that can handle failures gracefully, deployed everything on AWS using EC2, RDS for MySQL, and S3 for storage
- Made an Angular dashboard and set up CI/CD with GitHub Actions so tests run automatically and deployments happen smoothly

Cloud Nest - Personal Cloud Storage Platform

Personal Project

Tech Stack: Angular, Node.js, MySQL, Redis

- Created a cloud storage app similar to S3 with folder organization, workspaces, and team collaboration features for sharing files
- Built REST APIs for uploading, downloading, and managing files, and added Redis caching to make everything faster and reduce database load
- Added security features like authentication, authorization, ACLs, and workspace isolation to keep data safe

Beat Nest - Personal Music Streaming Application

Personal Project

Tech Stack: Flutter, Node.js, MySQL

- Made a music streaming app with Flutter that works on both iOS and Android, with playlists, albums, and offline downloads
- Built a Node.js backend with MySQL to handle user accounts and playlists, optimized for fast loading and smooth playback
- Designed a clean UI with music player controls like loop, shuffle, and play/pause

Education

Master's in Computer Science

Savitribai Phule Pune University June 2020 - March 2022 | Pune, India

Bachelor's in Computer Science

Savitribai Phule Pune University June 2017 - March 2020 | Pune, India