

Samuel Shinde

Senior Software Engineer • GenAI • Backend • Full-Stack

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PROFESSIONAL SUMMARY

Senior Software Engineer with 6+ years building production backend systems, microservice architectures, and GenAI-powered applications for clients across India and the US. Deep expertise in Node.js, Python/FastAPI, and cloud infrastructure (Azure, AWS, Docker). Proven record architecting scalable APIs, real-time systems, and AI recruitment platforms — from system design through self-managed production deployment.

CORE SKILLS

Languages	JavaScript / TypeScript, Python, SQL, Dart
Backend & AI	Node.js, FastAPI, Generative AI / LLMs, NLP, Azure OpenAI, Microservices, REST & Event-Driven APIs, BullMQ, gRPC, Socket.io
Frontend	React, Next.js, MERN Stack, Flutter (mobile)
Cloud & DevOps	Azure (App Services, Blob Storage, Entra ID, Container Registry, Managed RDBMS), AWS S3, Docker, Nginx, Linux, VPS provisioning
Databases	MySQL, PostgreSQL, Redis, Firebase Firestore
Integrations	Stripe / Stripe Connect, Razorpay, Twilio (SMS / WhatsApp), Honeycomb.io monitoring

PROFESSIONAL EXPERIENCE

DAVZON

Pune, Maharashtra • Jan 2020 – Jan 2026

Senior Software Engineer

Jan 2022 – Jan 2026

- Led backend engineering across multiple production products — scalable APIs, microservice architectures, and GenAI applications serving clients across India and the US.
- Architected multiple Node.js backends spanning 450+ REST APIs and 70+ event-driven APIs across 40+ modules, with asynchronous BullMQ queues and pub/sub for reliable, decoupled background processing at scale.
- Designed a 20-service microservice architecture (FoalTS) for a B2B marketplace — real-time chat (Socket.io), AWS S3 storage, and Stripe Connect multi-party vendor payouts.
- Built GenAI applications including an AI recruitment platform with automated screening, AI-led video interviews, and CV-JD relevancy scoring.
- Deployed across Azure PaaS (App Services, Blob Storage, Azure OpenAI, Entra ID, managed RDBMS, Container Registry) and self-managed VPS (Docker, Nginx reverse proxy / load balancing, Linux).
- Integrated payment gateways (Stripe, Razorpay), set up server monitoring with Honeycomb.io, and built Next.js analytics dashboards.

Mobile App Developer

May 2020 – Dec 2021

- Built cross-platform Android / iOS apps in Flutter / Dart across food delivery, e-learning, and IoT products.
- Integrated IoT hardware (ESP32-WROOM, BLE) for smart-device control and live camera streaming over local Wi-Fi.
- Implemented real-time features — live order / delivery tracking, push notifications, and infinite-scroll feeds.
- Built gRPC clients for analytics streaming and AdMob monetization; contributed to Node.js backends and Socket.io bidirectional chat.

Trainee Software Engineer

Jan 2020 – Apr 2020

- Completed intensive Dart / Flutter training; built 5 Flutter applications as part of the program.

PROJECTS

AI Interviewer & Recruitment Platform (ATS) — DAVZON

Generative AI • FastAPI • Python • Node.js

End-to-end AI recruitment platform automating screening, interview scheduling, and candidate selection. Built three interview modes (telephonic, audio-bot video, human-like AI avatar), a CV-JD scoring engine computing relevancy against the job description, and text-based screening over SMS (US) and WhatsApp (global).

CV Formatting Portal — DAVZON • cvf.davzon.com

Node.js • Docker • Nginx • VPS

Workflow management system for CV-formatting services. Developed 20+ backend modules (75+ REST & 40+ event APIs) and a CV reformatter that converts résumés between formats; set up Dockerized VPS infrastructure with Nginx as load balancer / reverse proxy.

SMBEx Community Marketplace — DAVZON

[FoalTS](#) · [Microservices](#) · [Socket.io](#) · [AWS S3](#) · [Stripe Connect](#)

B2B marketplace on a 20-service microservice architecture with 130+ APIs. Built authentication, Socket.io real-time chat, AWS S3 image / file storage, push notifications, and Stripe Connect multi-party payments with vendor payouts.

FantumSDBox — Secure Delivery Box — DAVZON

[IoT](#) · [Flutter](#) · [Node.js](#) · [ESP32-WROOM](#) · [BLE](#)

Smart secure-delivery device with a hybrid Flutter app: remote lock / unlock, passcode and IC-card access, and live camera configuration. Built the Node.js backend, Socket.io chat with delivery partners, and a C++ server on the ESP32 module streaming camera output over Wi-Fi and communicating via phone BLE.

Multi-Vendor Food Delivery & LiveStudyHub (E-Learning) — DAVZON

[Flutter](#) · [Dart](#) · [Node.js](#) · [AdMob](#)

Multi-store food-delivery app (5+ stores) with live order / delivery tracking, coupons, and gift messaging. LiveStudyHub: a Play Store e-learning app for competitive exams featuring mock tests, video courses, e-books, and AdMob integration.

Additional Projects

Icepreneurs.com — Next.js business-listing & classifieds platform with plan management (Razorpay) and dashboard analytics.

Dog Training App — IoT smart-training device with a gRPC analytics client and real-time, infinite-scroll feed. **Production Data**

& Forecast System — POC for the Namibian Agronomic Board for production data collection, aggregation, and analytics.

EDUCATION

B.E., Mechanical Engineering

Savitribai Phule Pune University · 2015 – 2019

LANGUAGES

English (Professional) · Marathi (Native) · Hindi (Conversational)