Gorakh Chavan

Senior Software Engineer · Full Stack Developer (MERN + AWS)

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PROFILE

Full stack developer with 5+ years of experience building MERN applications (MongoDB, Express, React, Node.js) and cloud-native systems on AWS: Lambda, API Gateway, SNS/SQS, DynamoDB and S3. I design REST APIs and microservices, data models in MongoDB and PostgreSQL, and the React front ends on top, and I've shipped AI features with Amazon Bedrock and Claude behind human-review gates. Comfortable with Agile delivery, code reviews and mentoring developers.

EXPERIENCE

Senior Software Engineer · BMW TechWorks India — May 2026 – Present

Senior Software Engineer · Digialpha Software Solutions Pvt Ltd · Pune — Apr 2023 – May 2026

Led backend development of Node.js microservices on AWS Lambda, API Gateway, SNS/SQS and S3; architecture and code reviews, and technical guidance for the team; ~30% product growth through performance work.

Senior Backend Developer · Aigen Tech · Mumbai — Oct 2021 – Mar 2023

Backend for a gamified EdTech platform with 15–20K daily users and 1–2 lakh PostgreSQL transactions a day; ~60% faster APIs through query tuning, indexing and caching; JWT auth and role-based access across microservices; APIs documented with Swagger/OpenAPI.

Frontend Developer · Conversion Pro LLP · Pune — Feb 2021 – Aug 2021

Reusable React.js UI components integrated with Node.js backend APIs.

SELECTED PROJECTS

Doctor OS (app.doctoros.in) — Clinic software for Indian practices: patients, consultations and branded prescriptions, a live token queue, appointments and payments, pathology labs, and the Patient Passport, a patient-owned record shared across clinics with consent.
`Node.js 22 · Express 5 · PostgreSQL · React 18 · Vite · Electron · React Native · AWS`

Pashupaalak (app.pashupaalak.com) — Dairy farm management for India.
`NestJS · Prisma · PostgreSQL · Next.js · Expo · React Native · MCP · TypeScript`

ClinFocus AI (clinfocuslabs.grcsr.in) — A full-stack serverless healthcare decision-support platform combining AI clinical handovers, human-in-the-loop review gates, AI-assisted WhatsApp appointment coordination, prescription management and an immutable audit trail, all on AWS.
`Node.js · React.js · AWS Lambda · API Gateway · DynamoDB · Bedrock · Textract · Twilio · AWS CDK`

HelpMeApply (helpmeapply.app) — AI resume tailoring for job seekers: paste a job description and get a keyword-optimised, track-changes resume, ATS score and cover letter in under 30 seconds, plus a Chrome extension that works on 10+ job boards.
`Node.js · Express · MongoDB · React · Vite · Chrome MV3 · Stripe · Claude API`

Express.js Application Generator (www.npmjs.com/package/create-express-app-js) — A CLI that scaffolds Express.js applications with a best-practice backend architecture, removing boilerplate and enforcing a clean project structure out of the box.
`Node.js · Express.js · CLI · NPM · Developer Tools`

SKILLS

Backend & APIs	Node.js, Express.js, REST APIs, Microservices, Middleware Design, Serverless, TypeScript, NestJS, API Versioning
Cloud & DevOps	AWS Lambda, API Gateway, SNS / SQS, S3, DynamoDB, EventBridge, AWS CDK, CloudFront, Docker, Vercel

AI & LLMs	Amazon Bedrock, Claude API, OpenAI API, Model Context Protocol (MCP), Bedrock Guardrails, AWS Textract, Human-in-the-loop design
Frontend & Apps	React.js, Next.js, Redux, Zustand, Vite, Tailwind CSS, React Native / Expo, Electron, Chrome Extensions (MV3)
Databases	MongoDB, PostgreSQL, Schema Design, Query Optimization, Indexing, Prisma, Knex, DynamoDB single-table
Auth, Security & Payments	JWT, Role-Based Access Control, OAuth, OTP / TOTP sign-in, Audit trails, Stripe, Twilio / WhatsApp
Docs & Testing	Swagger / OpenAPI, Postman, Integration Testing, Jest, Vitest
Process & Collaboration	Code Reviews, Mentoring, Agile / Scrum, Cross-functional Collaboration, Technical Leadership, SDLC

EDUCATION

B.E. Computer Science Engineering
Savitribai Phule Pune University · 2018 – 2022
Departmental Technical Head

CERTIFICATIONS

Agentic AI Day Hackathon Finalist · Agentic AI Day · Jul 2025

Microsoft Technology Associate · Microsoft · JavaScript · Aug 2021