

SAHIN MALLICK

Full-Stack Developer

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SUMMARY

Full-Stack Developer with hands-on experience designing and shipping scalable, production-grade applications using Node.js, Express.js, React.js, PostgreSQL, and MongoDB. Skilled at building secure REST APIs, automating business workflows, and deploying reliable infrastructure on AWS and Vercel. Actively deepening expertise in AI agents, prompt engineering, and LLM-powered automation, with a track record of leading end-to-end feature delivery from architecture to production.

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML, CSS, Markdown

Frontend: React.js, Next.js, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, REST APIs, JWT Authentication

Databases & ORM: MongoDB, PostgreSQL, Prisma, Mongoose

AI & Automation: AI Model API Integration, Prompt Engineering, LLM Fundamentals, AI Agents (in progress)

Cloud & DevOps: AWS (EC2, S3, IAM, Lambda), Docker, Nginx, Git/GitHub, Postman, Linux, Vercel, cPanel, Cloudinary

CMS: Shopify (Liquid theme development)

EXPERIENCE

Full Stack Web Developer

Mar 2026 – Present

Royz Innovation Pvt. Ltd. — Kolkata, India

- Built and shipped **scalable backend APIs** with Node.js and Express.js, integrating third-party services to automate core business workflows and reduce manual operational effort.
- Deployed and maintained applications across **AWS EC2, VPS, and Vercel** environments, ensuring high availability, robust performance, and smooth CI/CD-driven releases.
- Led **Shopify ecosystem development** end-to-end — custom Liquid theme architecture, performance tuning, and data-driven SEO/CRO strategy — directly improving storefront speed and conversion readiness.

Web Developer Intern

Aug 2025 – Jan 2025

FFACE — Kolkata, India

- Developed and managed high-performance Shopify stores with **custom Liquid development** and theme customization.
- Delivered **SEO-focused** web solutions that improved site performance, user experience, and conversion readiness.
- Managed cloud infrastructure, deployment pipelines, and third-party platform integrations supporting live production stores.

PROJECTS

CodKaroo — Online Code Execution Platform

React.js, Express.js, PostgreSQL, Prisma, Judge0 API, Zustand

- Designed a **secure, web-based code execution platform** using the Judge0 API to compile and run user-submitted code across multiple languages.
- Implemented **real-time result handling and error reporting**, plus backend logic for request orchestration, execution tracking, and performance optimization.
- Built a responsive frontend delivering a seamless write-run-review developer experience.

Chef's Place — Restaurant POS & Table Management System

React.js, Node.js, Express.js, MongoDB, Razorpay

- Designed a **full-stack restaurant POS platform** covering order processing, billing, and table reservations, with role-based access control for admin, waiter, and customer workflows.
- Built core operational modules — table booking, allocation, and inventory management — for real-time operational tracking.
- Developed scalable RESTful APIs integrated with MongoDB and **Razorpay** for secure, production-ready payment processing.

EDUCATION

B.Tech in Computer Science & Engineering (Sp. AI & ML)

2022 – 2026

Brainware University, Kolkata, India | CGPA: 7.99/10

Relevant Coursework: AI, ML, Data Structures, OOPs, DBMS, Computer Networks, Operating Systems