Sajjad Haider Sayed

Full-Stack and Infrastructure Engineer

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Summary

Software engineer with 5+ years building web products end to end and running the cloud infrastructure under them. At Reclaim Protocol (YC W21) I build backend services and SDKs for a zkTLS verification platform, run AWS and GCP with Terraform, and serve as InfoSec officer for a team of about 30 engineers.

Skills

Languages: TypeScript, JavaScript, Python, SQL
Front end: React, Next.js, Tailwind CSS, A-Frame, Three.js, WebAssembly, Browser extensions
Back end: Node.js, Express, Flask, REST APIs, Webhooks, PostgreSQL, MongoDB, Firestore, Redis
Cloud and infra: AWS (ECS Fargate, RDS, ALB, WAF, S3), GCP, Firebase, Terraform / OpenTofu, Docker, GitHub Actions
Reliability and security: Monitoring and alerting, BC/DR drills, Access control, Audits, Vulnerability scanning
Web3: zkTLS proofs, TEEs, ethers.js, On-chain attestations

Experience

Software Developer, Reclaim Protocol (YC W21) May 2024 – Present | Remote

- Leading the migration of production services from Elastic Beanstalk to ECS Fargate, with the infrastructure on AWS and GCP managed as code in OpenTofu/Terraform.
- Built the shared CI/CD pipeline that the service repositories deploy through, with automated deploys and rollbacks on GitHub Actions.
- Set up monitoring, alerting, autoscaling and external uptime checks for the production API.
- InfoSec officer for a team of about 30 engineers: access control, audit evidence, security reviews and disaster-recovery drills.
- Develop the core SDK backend in Node.js and TypeScript, and built the browser extension SDK that lets partners run verifications inside Chrome.
- Built a full-stack loyalty status-matching product with Next.js and Firebase for airline partners, with admin roles, review workflows and scheduled exports.

Software Developer, Nine Lights Technologies Oct 2022 – May 2024 | Remote

- Built online multiplayer team-building games and their admin tools for Team Building Games Co (TBGC) with React, Next.js, TypeScript and Firebase, including The Mavericks, Squad Games and Now You Know Me, played by corporate clients including Fortune 500 companies.
- Built AR and VR game experiences in the browser with A-Frame, MindAR and Three.js, and map-based hunts on the Google Maps API.
- Built a browser-based video editor with React, Flask and FFmpeg compiled to WebAssembly.

Full Stack Developer, TaskPro Services Jan 2021 – Sep 2022 | Mumbai

- Worked on Beezer, a SaaS product for building progressive web apps that run on phones with native-app features.
- Built interactive web front ends for client projects with designers in an Agile team.

Freelance Web Developer, Self-employed Oct 2020 – Oct 2021 | Mumbai

- Delivered 10+ websites for small businesses with WordPress, React and custom code, from design through hosting.

Projects

BotFare - PayPal AI hackathon 2026 botfare-web.onrender.com/ | github.com/Sajjad21990/botfare

- Lets websites charge AI agents a few cents per page through PayPal while people read free: Express middleware, HTTP 402 pricing, a double-entry Postgres ledger and signed receipts (Next.js, TypeScript).

Gatepass - NEAR hackathon 2026 github.com/Sajjad21990/gatepass

- Pay-per-minute SSH access with no shared keys: a NEAR smart contract (Rust) issues an SSH certificate, signed by NEAR Chain Signatures only after payment.

Paper Seal - ETHGlobal Mumbai 2026 github.com/Sajjad21990/paperseal

- Leak-proof exam papers, built with one teammate: assembled inside a TEE, key split between a time lock and 8 of 10 key holders, hashes on-chain.

Volunteering

Volunteer Developer, Anfaal Foundation 2026 – Present

- Built Smart Portal, the NGO's central portal for scholarship, ration and other aid services, covering family applications, committee review, finance and audit logs (Next.js, Firebase), and its mentorship portal.

Education

Executive PG Programme in Software Development (DevOps), IIIT Bangalore 2023

B.E. Computer Science, Rizvi College of Engineering, Mumbai, CGPA 8.89 2017 – 2021