Tejaswi Rastogi

+91 7078578575 — tejaswi.dev.666@gmail.com

linkedin.com/in/tejaswi-rastogi-159sb — github.com/Tejasshack

WORK EXPERIENCE

Software Engineer – Internal Affiliate Tracking Platform — Feb 2025 – Present

– Built a **real-time ad tracking platform** handling **10k+ concurrent users** with **Node.js, WebSockets, and Redis**, enabling publishers and affiliates to monitor campaigns instantly.

– Designed a **scalable event ingestion pipeline** (Kafka, Redis Streams, Node.js) with anomaly detection and fraud scoring, ensuring data integrity.

– Delivered **interactive KPI dashboards** (CTR, conversion, revenue) using **React, MUI, and Recharts**, driving actionable insights for stakeholders.

– Automated workflows with **BullMQ queues** and set up **real-time monitoring/alerting** (Prometheus, Grafana, AWS CloudWatch), achieving **99.9% uptime**.

– Streamlined deployments with **Docker + GitHub Actions on AWS ECS/Fargate**, enabling zero-downtime releases.

Internal Mail Server Setup – Panel.dailynewzmail.com — Apr 2025 – Present

– Scaled **PowerMTA + MailWizz** infrastructure on Linode Cloud, sending millions of emails per month with **95%+ inbox placement**.

– Engineered a full **email deliverability stack** including SPF, DKIM, DMARC, rDNS, and feedback loops, ensuring top-tier sender reputation.

– Automated IP warm-up, bounce handling, and reputation monitoring using Python and Bash, reducing manual effort by **70%**.

– Hardened Linux servers, optimized Postfix/SMTP, kernel/network settings, and automated maintenance with cron jobs.

– Built an **automated domain onboarding system**, enabling rapid scaling of new client campaigns.

Software Developer – Good Samaritans — Feb 2024 – Dec 2024

– Developed a **responsive NGO website**, reducing load times by **40%** and improving accessibility.

– Collaborated in **Agile sprints** using Git/GitHub and CI/CD pipelines, enhancing team velocity.

– Mentored **10+ junior developers**, improving delivery and code quality through pair programming and reviews.

– Implemented **accessibility best practices**, cross-browser testing, and optimized SEO for wider reach.

KEY SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Bash
Frontend: React, Next.js, React Native, Material UI, Redux, Tailwind CSS
Backend: Node.js, Express, REST APIs, WebSockets, Microservices
Tools: VS Code, Terminal, Postman, Jira, Agile, ChatGPT

PROJECTS

Book Store Management System – Live Demo

– Built a **MERN e-commerce platform** with JWT auth, secure checkout, and admin panel; optimized performance by **35%** using lazy loading, Redis caching, and code-splitting.

– Enhanced UX with analytics, advanced search/filter, and A/B testing hooks.

Top5 Shots – Top5shots.com

– Built a **scalable ad-tech platform** using **React, Node.js, Next.js, WebSockets, Redis, MongoDB**.

– Implemented **real-time dashboards, REST APIs, CI/CD pipelines, Docker, AWS deployments, unit/E2E tests, and A/B testing**.

EDUCATION

B.Tech in Computer Science and Engineering – RKGIT, Ghaziabad — 2019 – 2023 CGPA: 7.2

CERTIFICATIONS

– AWS Certified Cloud Practitioner