

Akshay S Gaekwad

Bath, Somerset, England

akshay.sg55@gmail.com | +44 7553659962 | akshaysg.com | linkedin.com/akshaysg

SUMMARY

- Software Engineer with 2 years building multi-tenant MERN apps: React (Hook Form), Node.js/Express, MongoDB; auth/RBAC, reusable UI, PDF e-signature, Jest tests.
- CI/CD with Jenkins; containerized services deployed on AWS (EC2, S3) and some GCP; sprint-driven delivery of modular, service-oriented features.

SKILLS

- Core Engineering: JavaScript/TypeScript, React, Next.js, Node.js/Express, REST, Git, Jest.
- Data & Platforms: MongoDB, SQL, AWS (EC2, S3), GCP, Docker, Jenkins/CI/CD.
- ML/AI: Reinforcement Learning, PyTorch.

WORK EXPERIENCE/PROJECTS

[Smart Food Safe](#), Bangalore India

Jun 2022 - Sep 2024

- Owned three core modules in a multi-tenant MERN platform; built risk-based scoring, digital specifications, and COA approval workflows.
- Shipped MERN-stack, multi-tenant application with auth, react hook form UX and re-usable library and a digital signature workflow.
Stack: JavaScript/React/Node/MongoDB; CI/CD via Jenkins.
- Deployed on AWS EC2 with S3 assets. Development cycle using scrum framework and testing done via Jest.
- Reduced data-heavy table load times from ~10s to ~3s and API latency from 4–5s to ~1s using query/index tuning, payload reduction and caching for a smooth UX for the client.

[Portfolio Website](#)

- Personal site with T3 stack (Next.js, TypeScript, tRPC/Prisma/Tailwind); theme switcher, projects, contact; planned blog and AI features.
- Future features include AI integration and blogging section.

EDUCATION

University Of Bath, Bath, UK

Sep 2024 - Present

Master of science, Computer Science

- Focus: AI/Reinforcement Learning; dissertation on unsupervised skill discovery with hierarchical RL.
- Mini-project: Deep Q-learning agent for Pac-Man.