Aadithya Krishnan P

(382) 885-0066 | aadikrishnan36@gmail.com | linkedin.com/in/aadithya-krishnan-p/ | github.com/aadithyakp | Waterloo, ON

SUMMARY

Full-stack software developer with 2+ years of professional experience at Infosys delivering production React.js/TypeScript applications and automated QA within Agile teams. Proficient in JavaScript, Python, RESTful APIs, PostgreSQL, and CI/CD pipelines; currently expanding hands-on exposure to GCP and Azure cloud deployment through academic and project work.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Java, SQL, C#

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

Backend: Node.js, Express.js, FastAPI, GraphQL, REST APIs

Databases: PostgreSQL, MongoDB, MySQL, Firebase

DevOps & Cloud: Git, GitHub Actions, Docker, Jenkins, AWS, GCP (learning), Azure (learning)

Testing: Selenium WebDriver, Jest, Mocha, Chai, Unit/Integration Testing

EXPERIENCE

Systems Associate — Full Stack Developer | Infosys | Nov 2021 – Feb 2023

- Designed and implemented RESTful backend endpoints using FastAPI and PostgreSQL, enabling efficient data retrieval to support new feature development.
- Cut post-deployment bugs by 20% across sprint cycles by conducting rigorous peer code reviews and systematic debugging within an Agile delivery workflow.
- Reduced application load times by 25% across React.js/TypeScript applications by refactoring component architecture and optimizing Redux state management.
- Accelerated feature delivery and maintained clean, maintainable code within a cross-functional Agile team of 8+ engineers by integrating frontend modules with a microservices architecture.
- Built and shipped WCAG-compliant, responsive UI components that expanded mobile accessibility across platforms.

Operations Executive — QA Analyst | Infosys | Feb 2023 – Jul 2023

- Automated 200+ test cases using Selenium WebDriver with Python and C#, reducing manual QA time by 30% and compressing product release cycles.
- Reduced ticket turnaround time by 15% across multiple AWS-hosted applications by diagnosing and resolving complex technical issues across the full stack.
- Strengthened Agile test planning by collaborating with developers to establish QA-engineering feedback loops, reducing defect escape rates across release cycles.
- Improved team onboarding and self-service troubleshooting by authoring structured technical documentation and knowledge-base articles for recurring issue resolution.

PROJECTS

GymPal — Cloud-Based SaaS Gym Management App

- Built a cloud-based gym management system enabling owners to manage memberships, class bookings, and

attendance tracking; deployed via Firebase Hosting with backend services on Node.js/Express.js.

- Implemented JWT authentication, Stripe payment integration, and role-based access control to secure multi-tenant data and support subscription billing.
- Stack: React.js, Node.js, Express.js, MongoDB, Firebase, Tailwind CSS

Employee Management System — Full-Stack MERN App

- Built a full-stack application to manage employee records, integrating GraphQL and Apollo Server for flexible, efficient data querying in place of conventional REST endpoints.
- Stack: React.js, Node.js, Express.js, MongoDB, GraphQL, Apollo

EDUCATION

PG Diploma, Web Development | Conestoga College Institute of Technology and Advanced Learning | 2024 – 2025

B.Sc., Computer Science | University of Calicut | 2018 – 2021

CERTIFICATIONS

- Infosys Certified React Developer — Infosys, 2023
- Infosys Certified Selenium Advanced Tester — Infosys, 2022