Taylor Reed

Senior Full Stack Developer

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Professional Summary

Versatile Senior **AI Full Stack** Developer with **5+** years of experience in designing scalable, user-centric applications using modern frameworks like **LLM**, **Langchain**, **chatGPT**, **React**, **Node**.js, and **Python**. Proficient in developing **RESTful** and **GraphQL** APIs, optimizing backend performance, and implementing serverless solutions. Certified **AWS DevOps Engineer** skilled in **CI/CD** automation (Jenkins, Docker) and cross-browser compatibility. Adept in Agile environments, delivering high-impact solutions with a focus on security and efficiency.

Professional Experience

Lead Software Developer

APPWRK, USA | 06/2020 – 12/2022

- Led 9 large-scale projects, delivering a $3.2M revenue boost through backend optimization and seamless UI/UX integrations. Developed secure, scalable web applications using React, Node.js, and AWS services, improving performance by 30%. Collaborated with cross-functional teams in Agile settings to ensure timely project delivery.
- Developed script automation software, saving $49K monthly by streamlining a labor-intensive process.
- Managed a team of 6 developers to deliver a new product to market in 21 weeks, meeting all quality and performance benchmarks.
- Directed the creation of a $900K database-driven web application by leading a team of 12 developers.
- Delivered a complex web application on time and under budget, improving customer satisfaction by 20%.
- Mentored junior developers in best practices, reducing bug reports by 30%.
- Automated CI/CD pipelines using Jenkins and Docker, cutting deployment times from 2 hours to 15 minutes.
- Redesigned legacy APIs to RESTful architecture, reducing response times by 40%.
- Integrated Docker and Kubernetes for scalable microservice's deployment, reducing downtime by 25%.

- Implemented advanced CI/CD strategies (Blue-Green Deployment) to minimize deployment risks.

Software Tester

Uncanny Consulting Services LLP, USA | 01/2023 – 11/2024

- Developed and automated **50+** test suites for web and mobile platforms, cutting production defects by **30%**. Streamlined testing with tools like Selenium and Playwright, and implemented **API testing** using Postman and Rest Assured.
- Increased test coverage by **40%** by developing and maintaining automation scripts using Selenium WebDriver.
- Conducted API testing with Postman and automated REST API tests with Rest Assured.
- Enhanced efficiency by automating API tests and streamlining processes.
- Supported User Acceptance Testing (UAT), addressing end-user concerns and feedback promptly.
- Enhanced testing accuracy with end-to-end test scripts and integrated them into **Jenkins CI/CD** pipelines.
- Collaborated with DevOps teams to establish testing environments using **Docker** and Kubernetes, improving **efficiency** by **20%**.
- Monitored application performance using **Grafana** during testing to identify bottlenecks.

Education

Bachelor of Science in Computer Science,
University of Tokyo, Tokyo, Japan | April 2016 – March 2020

Certifications

- AWS Certified DevOps Engineer — Professional
- Front-End Web Development Certificate
- Advanced JavaScript (Udemy/EDX course)
- Kubernetes Certified Administrator (CKA)
- AWS Certified Solutions Architect – Associate

Technical Skills

Core Expertise

- Programming & Frameworks: **React**, **Angular**, **Vue.js**, **Node.js**, **Python** (**Django**, **Flask**), **Laravel**, **Spring Boot**.
- API Development: **RESTful APIs**, **GraphQL**, **Swagger**.
- Database Management: **MongoDB**, **PostgreSQL**.
- Testing & Monitoring: **Selenium**, **Playwright**, **Postman**, **Rest Assured**, **Grafana**.
- Containerization & Orchestration: **Docker**, **Kubernetes**.
- Testing & Automation: **Selenium WebDriver**, **Postman**, **Rest Assured**

Cloud, DevOps & Infrastructure

- **AWS** (**EC2**, **S3**, **Lambda**, **RDS**), **Firebase**, **CI/CD** (**Jenkins**, **GitLab CI**)
- **Orchestration: Kubernetes**
- **Microservices Architecture**

Languages

- **Japanese**: Native
- **English**: Highly Proficient