Tajae Johnson

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Full Stack Developer | Software Engineer
Houston, Texas United States   in TajaeJohnson   @vTajae   vTajae

Experience

Instructional Specialist

2U Inc. - Full Stack Software Development Bootcamp

📅 November 2021 — present   📍 Remote

- Delivered comprehensive coursework on full-stack development focusing on the **MERN stack** (MongoDB, Express.js, **React**.js, Node.js).
- Instructed on RESTful **API development** and integration, enabling students to build scalable backend systems.
- Trained students in **Sequelize ORM** for relational databases and **Mongoose ORM** for **NoSQL** databases.
- Guided students in **Apollo GraphQL API development**, including **GraphQL** schemas, queries, mutations, and Apollo Client integration.
- Taught **Test-Driven Development** (TDD) using Jest and Cypress, emphasizing unit, integration, and end-to-end testing.
- Introduced **DevOps** practices by setting up **CI/CD pipelines** with **CircleCI** and **GitHub Actions**, automating testing and deployment.

GPT Program Trainer - Contract

ADP Inc. - Full Stack Microservices Curriculum

📅 May 2023 — September 2023   📍 Hybrid

- Instructed on **Java Spring Boot** for **API development**, covering Repository CRUD methods, Service layers, Routing, and secure authentication using **JWT** and **Bcrypt**.
- Taught **Oracle SQL** including **Stored Procedures**, Triggers, **Views**, and auditing mechanisms for data integrity.
- Guided students in full-stack development with **React**, Role-Based MVC, and **Microservices** architecture.
- Educated students on the full development lifecycle using Maven and **Spring Boot**, focusing on production-ready applications with logging and auditing.
- Mentored teams in **Agile methodologies** using **Jira**, facilitating sprint re**views** and project audits.
- Developed students' soft skills including communication, teamwork, and problem-solving.

Full Stack Developer - Consultant

Freelance Developer - Custom Web Applications

📅 May 2020 — present   📍 Remote

- Developed full-stack applications using **Cloudflare SDK** and **Remix Run**, utilizing **Cloudflare D1** for database management and **Cloudflare KV**s for secure session storage.
- Managed **Cloudflare** Workers with Wrangler CLI, integrating loaders and actions for dynamic web applications.
- Conducted API testing using Insomnia; developed robust APIs and **microservices** with **Python FastAPI**.
- Implemented Retrieval Augmented Generation (RaG) using **LlamaIndex**, **Qdrant**, and Gemini API for AI-driven functionality.
- Integrated **Amazon Textract** for data extraction from documents.

Achievements/Certifications

GIAC Certifications
Earned **GFACT** and **GSEC** certifications; currently pursuing **GCIH**.

Software Development & Cybersecurity Boot Camps
Completed Boot Camps at University of Texas Austin and **UX/UI** Boot Camp at University of North Carolina.

Tagline

Experienced Full Stack Developer with specialized skills in object-oriented programming, UI development, and DevOps. Focused on optimizing efficiency, performance, and security in scalable software solutions.

Objective

Seeking to leverage my skills in developing impactful solutions that optimize programming practices and improve the software development lifecycle within a company that values innovation and offers opportunities for growth.

Technical Expertise

TypeScript	████████████
Remix	███████████
Python	██████████░
Java	█████████░░
Linux	████████░░░
Node.js	██████████
Docker	█████████░░
Rust	███░░░░░░░

Skills/Exposure

- FastAPI
- RESTful APIs
- Cloudflare SDK
- PostgreSQL
- MongoDB
- CI/CD Pipelines
- API Development
- Java Spring Boot
- GraphQL
- DevOps
- MERN
- RAG
- React
- Azure
- AWS
- Next.js

Methodology/Approach

- Agile | Scrum | Retrospectve
- Test-Driven Development
- Microservices
- Model View Controller - MVC
- Modularization
- Defensive Programming
- UBAC | RBAC

Tools

- Git • Docker • Postman • CircleCI • GitHub Actions • Jira • Wrangler CLI • Powershell • Huggingface • Jest • Vite • NeoVim • Typst

Education

Texas Southern University
2018 - present   Houston, Texas
BA, MS in Computer Science

SANS Institute
2023 - present   Remote
Certifications in Cyber Security