

Tajae Johnson

Full Stack Developer | Software Engineer

Relevant experience: 4 years

Total experience: 7 Years



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Houston, Texas

Summary

As a proficient computer science connoisseur, I possess specialized skills in object-oriented programming and User Interface Development. My foremost priorities when devising and implementing solutions are optimizing efficiency and ensuring security.

Work Experience

2U Inc.

Nov 2021 - present
3 Years

Instructional Specialist - Part Time

- Delivered in-depth coursework on full-stack development, emphasizing the **MERN** stack (**MongoDB**, **Express.js**, **React.js**, **Node.js**)
- Instruction on **RESTful API** development, and integration.
- Provided in-depth training on **Sequelize ORM** for relational databases and **Mongoose ORM** for **NoSQL** databases.
- Guided students through the complexities of **Apollo GraphQL API** development, including setting up **GraphQL** schemas, writing **queries** and **mutations**, and integrating **Apollo Client**.
- Taught **test-driven development (TDD)** using frameworks like **Jest** and **Cypress**, emphasizing unit, integration, and **end-to-end testing** for building reliable, scalable applications.
- Introduced modern **DevOps** practices such as setting up **CI/CD pipelines** with **CircleCI** and **GitHub Actions**, as well as automating testing and deployment for quality software release cycles.

ADP Inc.

May 2023 - Sep 2024
4 Months

GPT Program Trainer - Contract

- Delivered instruction on **Java Spring Boot** for enterprise-level API development, focusing on **Repository CRUD methods**, **Service layers**, **Routing**, and secure authentication using **JWT** and **Bcrypt**.
- Led lessons on **Oracle SQL**, covering **Stored Procedures**, **Triggers**, **Views**, and creating auditing mechanisms for data integrity and compliance.
- Guided students through full-stack development, emphasizing **React** with **Role-Based MVC**, and **Microservices** for scalable, modular applications.
- Taught the full development lifecycle with **Maven** and **Spring Boot**, ensuring production-ready applications with **logging** and auditing aligned to enterprise standards.
- Mentored teams in applying **Agile methodologies** with **Jira**, promoting collaborative problem-solving through **sprint reviews** and project audits.
- Developed critical **soft skills** like **communication**, **teamwork**, and **problem-solving**, preparing students for professional roles with a focus on **accountability** and **quality assurance** in tech-driven environments.

Freelance Developer

May 2020 - present
3 Years

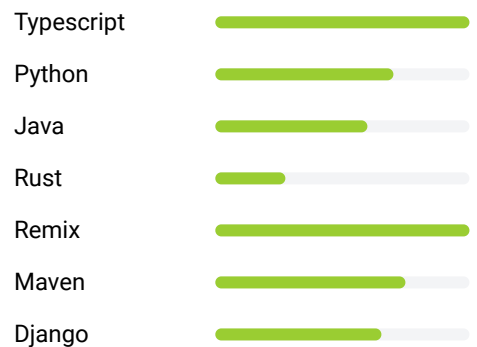
Full-Stack Developer - Consultant

- Developed full-stack applications with **Cloudflare SDK** and **Remix Run**, leveraging Cloudflare **D1** for database management and Cloudflare **KVs** for secure session storage.
- Managed **Cloudflare Workers** using **Wrangler CLI**, integrating loaders and actions to deliver modern, dynamic web applications.
- Conducted **API testing** using **Insomnia** and developed robust APIs and **microservices** with **Python FastAPI**. Implemented **Retrieval Augmented Generation (RaG)** leveraging **LlamaIndex**, **Qdrant**, and **Gemini API** to enable advanced, AI-driven functionality for enhanced application performance.
- Integrated **Amazon Textract** for extracting data from documents.

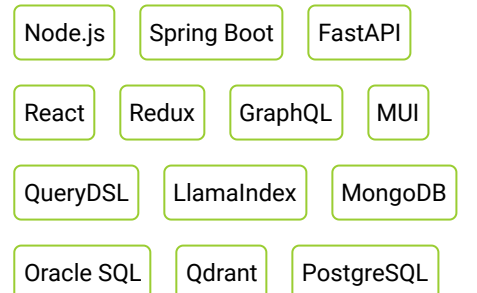
Career Objective

I strive to build impactful solutions that advance humanity, within a company that shares my values. I seek an inclusive culture that fosters creativity and offers opportunities for long-term growth and leadership. I aim to architect innovative projects that optimize programming practices and improve the software development lifecycle.

Technical expertise



Skills / Exposure



Methodology/Approach



Tools



Education

BA, MS - Computer Science	
Texas Southern University	Jan 2018 - present
Certifications - Cyber Security	
SANS Institute	Aug 2023 -present

Certificates and Awards

- Completed **Software Development & Cybersecurity** Boot Camps at *Univeristy of Texas Austin* and **UX/UI** Boot Camp at *University of North Carolina*.
- GIAC Certifications:** **GFACT**, **GSEC**. Currently pursuing **GCIH**