

Hanson Kwadwo Addo

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Education

George Mason University

Fairfax, VA

Bachelor of Science in Computer Science

Relevant Coursework: Algorithms and Data Structures, Software Engineering, Database Systems

Experience

Full Stack Developer/ Software Test Engineer

August 2022 – December 2023

Tunni

Alington, VA

- API testing using Postman and other suites of tools to check for latency
- Participated in all agile ceremonies to accomplish a given task in the required amount of time
- Built efficient databases using SQL and performed data analysis.
- Tested various API endpoints in JavaScript, and Java using Junit,
- Collaborated with cross-functional teams to resolve defects and communicated testing progress.

Software Developer / Software Test Engineer/ Data Analyst

June 2021 – Aug 2022

Anheuser Busch

St Louis, MO

- Developed RESTful APIs supporting front-end applications, improving data accessibility and accuracy.
- Automated unit tests, resulting in high code coverage and low defect rates.
- Implemented dashboards for monitoring and tracking APIs, utilizing GIT for code management.
- Maintained several relationships with shareholders to obtain business needs to be implemented in a product.
- Experience working in all elements of the Software Development Life Cycle.
- Achievements: Saved tax department 1 hour/day of work, provided shareholders easy access to data, saved the company 30 hours/week.

Software Engineer

June 2019 - Aug 2021

Anaplan

San Francisco, CA

- I updated SAML and OAUTH configuration for IDP and SP providers in the Anaplan platform.
- Worked with engineers to setup, maintain, and perform automated testing for backend applications.
- I participated in all agile ceremonies to accomplish a given task in the required amount of time.
- I provided support for production deployments and performed root cause analysis for any production issues.

Technical Skills

Programming Languages: Proficient in Java, C/C++, Python, R, SQL, PHP

Web Development: HTML, CSS, JavaScript, React, TypeScript, NodeJS

Database: MySQL, Oracle, MongoDB

Frameworks: JUnit, FastAPI, Pytest, Postman, Jira

Version Control: Git, GitHub, GitLab

Software Development Tools: Eclipse, IntelliJ, Visual Studio Code, Android SDK, SQL Developer, RStudio, Power BI

Operating Systems: Windows, Linux

Projects

Personal Portfolio | *JavaScript, React, HTML, CSS, Render, Git,*

- Developed a React-based personal portfolio showcasing professional work, skills, and achievements.
- Created engaging features like sidebars, skill showcases, and contact forms.
- Deployed using Render: [<https://react-portfolio-1-zg7q.onrender.com>]
- GitHub Repository: [<https://github.com/hanson-addo/react-portfolio>]

Server-side Business Logic and Android Client Mobile App | *Java, Android SDK, SQL,*

- Developed an Android client application demonstrating server-side interactions with a database.
- Created Java Server Pages with SQL select statements to retrieve data.
- Ensured data accessibility and implemented a login system.
- Watch the project on YouTube: [https://www.youtube.com/watch?v=t6eCpsr2P_w&ab_channel=hanson]

Backend API for React App | *JavaScript, Firebase, Postman*

- Developed a Node.js backend with Firebase integration for data retrieval and persistence.
- Created React components for different views.
- Conducted performance testing using JUnit.
- Watch the project on YouTube: [https://www.youtube.com/watch?v=KKxeBiF3r2Y&ab_channel=hanson]

Other Skills

Problem-Solving and Analytical Skills: Demonstrated through successful completion of projects.

Strong Communication and Collaboration Abilities: Effective collaboration with cross-functional teams.

Familiarity with Agile Development Methodologies: Experience working in an Agile environment.