

# Hanson Kwadwo Addo

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## Education

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George Mason University

Fairfax, VA

Bachelor of Science in Computer Science

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

## Experience

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Full Stack Developer

August 2022 – May 2023

*Anaplan*

*San Francisco, CA*

- 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 / Data Analyst

May 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.

## Technical Skills

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**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

## Other Skills

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**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.

## Projects

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### **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](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](https://www.youtube.com/watch?v=KKxeBiF3r2Y&ab_channel=hanson)]