

# Dannie Heaney

Senior Software Engineer with 9 years of proven experience

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With over 9 years of comprehensive IT experience spanning all phases of SDLC, including Analysis, Design, Development, Testing, and Implementation. Possessing a diverse skill-sets, I excel in effectively self-managing independent projects and collaborating within a team. Specialized expertise in designing and implementing scalable systems, focusing on RESTful APIs and Microservices. Proficient in major technologies such as React for building user interface and Go for developing efficient backend systems. Ready for an opportunity to use my skills to grow your business and revenue exponentially.

## EXPERIENCE

### Senior Software Engineer

May 2019 – Nov 2023

iOPEX Technologies | San Jose, CA

- Engineered microservices in Golang, enhancing backend scalability and efficiency.
- Implemented the Observer design pattern to improve communication and collaboration within Agile teams, ensuring effective information flow throughout the project lifecycle.
- Integrated comprehensive TDD practices in the development process, ensuring robust testing of GraphQL schema and mutations for optimal data retrieval and manipulation.
- Pioneered a resilient CI/CD pipeline using Jenkins and CircleCI, reducing deployment time by 50% and ensuring a reliable and automated build, test, and deployment workflow.
- Demonstrated proficiency in crafting SQL Triggers, Stored Procedures, Functions, and Views for backend processes using SQL Server, showcasing a robust understanding of database optimization and performance enhancement techniques.
- Employed design patterns such as the Adapter pattern to optimize performance and reduce page load time by 30%, enhancing the overall user experience.
- Deployed applications on AWS and Azure, leveraging Docker and Kubernetes, resulting in a 30% improvement in deployment speed.

### Full Stack Developer

Jun 2016 – Apr 2019

Visual Creative Marketing LLC | Roanoke, VA

- Showcased adept use of middleware, particularly Redux-Promise, streamlining backend data retrieval and enhancing RESTful service execution within applications.
- Demonstrated an advanced understanding of relational databases, specializing in application development using multiple RDBMS platforms such as PostgreSQL, Oracle, and MySQL.
- Collaborated in the utilization of Agile Methodologies to manage the full life-cycle development of projects, ensuring timely delivery and achieving a client satisfaction rating of 95%.
- Leveraged expertise in GraphQL schema, queries, and mutations to seamlessly interact with MongoDB and various data layers, optimizing data retrieval and manipulation processes.
- Ensured cross-browser compatibility and optimal performance, achieving a high compatibility rate across major browsers and reducing page load time by 30%.

### Software Developer

Jun 2015 – May 2016

DESSS, Inc | Houston, TX

- Applied ReactJS, React Flux, and Redux architecture while leveraging advanced object-oriented concepts to enhance website performance and user experience.

- Experienced in the development of distributed components using servlets, JSP, XML, JDBC, Ajax, jQuery, JavaScript, and CSS, contributing to the creation of robust and scalable systems.
- Worked predominantly with startups, actively participating in small teams and engaging in all project lifecycle phases, resulting in a notable 25% increase in development efficiency.
- Utilized Git, Bitbucket, and SVN for version control, ensuring a streamlined and collaborative development process with an emphasis on code quality and project transparency.
- Leveraged Node.js and NPM modules extensively for server-side development, leading to a significant 20% improvement in backend performance and overall system responsiveness.

## **SKILLS**

- C/C++ | Go | Python | Javascript/Typescript | PHP | HTML5 | CSS3
- React | Angular | Vue
- MySQL | PostgreSQL | MongoDB | Oracle DB | SQLite | Redis
- AWS | Microsoft Azure | GCP
- Cypress | Selenium | Jasmine | Jest
- Github | GitLab | BitBucket
- Agile | Jira | Jenkins | Docker | Kubernetes | API gateway

## **EDUCATION**

**Bachelor of Science, Computer Science**

The Hong Kong University of Science and Technology

**March/2015**