Chaz Hampton

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SUMMARY

Software Engineer with 7-years of proven results:
- Implemented cross-functional, multi-platform, front-end applications using React/Redux while defining frontend architecture and best practices.
- Engineered a cloud-based Learning Management System, seamlessly interfacing with custom-designed mobile applications. These were adopted by California State University faculty, improving efficiency in test creation.
- Guided a team of software engineers in implementing data translations across distributed command networks.

Certifications: Certified Scrum Master (CSM), Disciplined Agile Scrum Master (DASM), CompTIA Security+ (Sec+), Active Top Secret Security Clearance (TS/SCI)

Technical Skills: (level of proficiency 1-4) - beginner (1), proficient (2), advanced (3), expert (4)
- *Languages:* Python (4), Go (3), TypeScript (3), MySQL (3), JavaScript (3), Swift (3), Java (3), C++ (3), PHP (3)
- *Technologies:* React, CSS, Git, React Native, AWS, Docker, HTML5, Linux, JIRA, Firebase, Confluence, Visual Studio Code, Android Studio, Xcode, Laravel, Arduino, FreeRTOS, Windows, Excel
- *Methods*: Scrum, Agile, XP, Test-Driven Development (TDD), User-Centered Design, Unit Testing, Mobile Development, Full-Stack Development, Embedded Software Development, Peer Reviews, Defect Tracking

EXPERIENCE

Software Engineer, Bloomberg L.P., San Francisco, CA   05/2024 - Current

Member of source management team overseeing full stack development for customer facing BQuant's platform
- Implemented cross-functional, multi-platform, front-end applications using React/Redux while defining frontend architecture and best practices. Designed, built and deployed new features on a public facing website enabling clients to learn how to develop applications on Bloomberg's BQNT platform.
- Designed and built BQuant Go server hosting BQuant's API endpoints via microservice architecture replacing stale monolithic implementation. Improved servers availability and backend system stability through server overhaul.

Engineering Team Lead, U.S. Air Force, Las Vegas, NV   10/2023 – 05/2024

Led a 6-member development team as the lead engineer, overseeing the seamless integration of various data streams
- Team Lead for a 6-member software development team responsible for data translation services enhancing system interoperability which significantly improved system interoperability across multiple distributed networks.

Senior Software Engineer, U.S. Air Force, Las Vegas, NV   09/2022 – 10/2023

Drove software development, integration, and instrumentation efforts for the Air Force's premiere Battle Laboratory
- Prepared the DoD for extensive data analysis, automated decision-making, and laid the foundation for efficient software testing using Dockerized microservices in Go, orchestrated through Java and BPMN.

Software Developer, U.S. Air Force, Las Vegas, NV   04/2021 – 09/2022

Member of an eight-member software engineering team aiding in the development and deployment of Flightline applications
- Implemented a base-wide server, cutting 160 weekly work hours for 3,000 users across four critical customers.

Instructional Associate, California State University, San Bernardino, CA   04/2019 - 06/2020

Managed academic instruction in CSUSB's Graduate Computer Science department for Software Engineering
- Conducted weekly tutorials and lab sessions for 90 engineering students covering mobile and web development.

Software Developer, Bubble In, Remote   04/2018 - 06/2022

Software developer on team responsible for implementing cloud server features and mobile application development
- Deployed a cloud-based learning management system on AWS, interfacing with mobile devices for academic use.

EDUCATION

Master of Science in Computer Science, June 2020 | California State University, San Bernardino   09/2019 – 06/2020
Bachelor of Science in Computer Science, June 2019 | California State University, San Bernardino 09/2015 – 06/2019

ADDITIONAL INFORMATION

Projects: SharkSafeAI (Embedded AI Tracking System) **Awards:** 2022 Team of the Quarter, 2019 Outstanding Graduate Student