

CAMERON HARRIS

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SUMMARY

Highly motivated and detail-oriented software engineer with a robust foundation in full-stack development and agile methodologies. Proficient in JavaScript, React, Node.js, and Python with hands-on experience building scalable, user-centric applications. Adept at collaborating in dynamic teams, leading projects, and delivering high-quality code on schedule. Eager to apply technical expertise and creative problem-solving skills to drive innovative software solutions.

EDUCATION

Bachelor of Science in Software Engineering

May 2024

San Jose State University, San Jose, CA

GPA: 3.5

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Design, Database Management Systems, Computer Organization, Computer Networks, Information Security, Software Quality Engineering

Cybersecurity Foundations Certificate

July 2024

San Jose State University

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, Java, Python, Node.js, Express, React, React Native, Flask, PHP, HTML, CSS

Databases & Cloud: MongoDB, MySQL, Google Cloud Platform (App Engine, Cloud Build)

Tools & Methodologies: Agile, Git, GitHub, VS Code, IntelliJ, Postman, Android Studio, Figma, Jest, Material Design, Expo Go, Axios

PROJECT EXPERIENCE

NBA Stat Tracker, Personal Project

Jan 2024

- Developed a real-time mobile app using React Native with an Express.js backend to deliver live NBA game statistics.
- Designed secure RESTful APIs to retrieve and manage external data feeds reliably.
- Deployed and scaled backend services on Google Cloud Platform.
- Implemented automated testing with Jest, enhancing system stability and reliability.
- Prototyped a modern, user-centered interface using Figma aligned with Material 3 design principles.

Golf Course Management Platform, San Jose State University

Feb 2024 - April 2024

- Created a React Native Android application paired with an Express backend to streamline golf course operations.
- Led a team of 2, managing a 16-week project with detailed bi-weekly sprints and regular code reviews.
- Facilitated bi-weekly standup meetings to ensure clear communication, timely progress, and quality deliverables.

Pickup Finder, San Jose State University

Nov 2023

- Built a full-stack application with a React frontend and Express backend to enable users to discover and join pickup games.
- Integrated MySQL for event data management and utilized RESTful API best practices for efficient communication.
- Enhanced system reliability by implementing SQL triggers to enforce data integrity.

Electronics Review Website, San Jose State University

Apr 2023

- Designed a secure API using Express and Postman, incorporating bcrypt for robust password protection.
- Integrated MongoDB for high-performance, low-latency data operations.
- Developed seamless integration between the backend and a React frontend using Axios, culminating in a live demo hosted on GCP App Engine.

PROFESSIONAL EXPERIENCE

Cart Attendant, Spring Hills Golf Course, Watsonville, CA

Mar 2021 - Present

- Maintained and optimized equipment quality, demonstrating attention to detail similar to software system maintenance.
- Developed strong problem-solving and interpersonal skills through guest interactions, mirroring stakeholder engagement in software projects.
- Efficiently managed cart dispatching, applying task organization and resource management skills relevant to agile project workflows.
- Collaborated with team members to streamline operations, reinforcing teamwork, time management, and problem-solving.