SHANNON CROWLEY

FULL STACK SOFTWARE DEVELOPER

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SUMARY

Highly skilled and detail-oriented software developer with 5 years of experience designing, developing, and deploying enterprise-level applications. Proficient in multiple programming languages, software development methodologies, and database management systems. Strong problem-solving skills and the ability to work effectively in a team-based environment. Collaborative leader with experience in cross-functional teams and mentoring junior developers.

PROJECTS

Herald - AI Design Assistant to generate Adobe XD and Figma design file

- Developing an AI-powered assistant to generate Adobe XD and Figma design files.
- Implementing using the Chat GPT model and React for the front end, integrated with Figma and Adobe APIs.
- Building a robust Express backend to handle API interactions and data processing.

Dungeon Scribe - AI Chat Bot for developing characters and campaigns for 5e roleplaying games

- Created an AI chatbot to assist in developing characters and campaigns for 5e roleplaying games.
- Utilized Chat GPT for natural language processing and character interaction.
- Designed with a React front end and Express backend to ensure a seamless user experience.

Zynonym - iOS app and web application guessing game, played against the computer or friends

- Developed a game similar to Pyramid for guessing based on clues provided by the AI.
- Built using React Native, Firebase, and Expo for a cross-platform experience.
- Integrated real-time data updates and user interactions through Firebase services.

EXPERIENCE

Full Stack Software Developer II
Helm Experience & Design • Sept 2020- current

- Collaborate with clients from diverse industries to shape and develop their products, delivering full-stack iOS, Android, and web applications.
- Develop high-quality iOS and Android applications utilizing React Native, Swift, and Expo.
- Create dynamic and responsive web applications using a variety of technologies including React, React Native, Expo, Vue, Python, PHP, Twig, Redux, Express, and PostgreSQL.
- Work closely with cross-functional teams to ensure the successful execution of projects from conception to deployment.
- Implement best practices in code quality, testing, and performance optimization to deliver robust and scalable applications.

Instructional Associate / Mentor / Trainer
Fullstack Academy • May 2020 - current

- Support the lead instructor in delivering a comprehensive 26-week course on Full Stack Web Development and other technology topics.
- Hold review sessions in a lecture format, diving deeper into course topics for smaller groups to enhance understanding and retention.
- Manage and respond to help tickets during class, ensuring timely and effective assistance to students.
- Track and monitor student academic performance to identify areas for improvement.
- Grade all student projects and provide detailed, constructive feedback to promote learning and growth.
- Conduct office hour sessions to offer personalized code assistance and 1-on-1 feedback to students.
- Assist in the project management of student projects, ensuring successful completion and adherence to course objectives.

LANGUAGES& SKILLS

- **Languages:** JavaScript (Proficient), Python (Proficient), SQL (Proficient), HTML/CSS (Proficient), C++ (Intermediate), PHP (Intermediate)

- **Frameworks & Libraries:** React (Proficient), React Native (Proficient), Express.js (Proficient), Chakra UI (Proficient), Vue.js (Intermediate), Next.js (Intermediate), Redux (Intermediate), Bootstrap (Intermediate)

- **Tools & Technologies**: Visual Studio Code (Proficient), Chat GPT API (Proficient), Firebase (Intermediate), Expo (Intermediate), AWS (Familiar with S3, EC2), ESLint (Intermediate), Jest (Familiar)

- **Other Skills**: Web Development (Proficient), Teaching/Training (Proficient), CI/CD (Proficient), API Development and Integration (Proficient), Version Control Systems (Proficient), App Development (Intermediate), AI and Natural Language Processing (Intermediate), Project Management (Intermediate), Agile Methodologies (Intermediate), UI Design (Familiar), Unit Testing/Integration Testing (Familiar)