

Bradan Schwanke

SOFTWARE ENGINEER

TO THE HIRING MANAGEMENT AT UTAH STATE UNIVERSITY,

I am a software engineer with 7+ years of programming experience and 3+ years of mobile and web experience. I am seeking a position that strongly aligns with my passion and drive for designing innovative software, which is why I am writing to declare my candidacy for your vacant Programmer/Analyst I role. This position would provide an opportunity for me to engage in fulfilling work while using my demonstrable skills and experience to further Utah State University's mission of providing quality software for its staff and students.

After withdrawing from my first programming class in middle school, I was able to reengage with the field via game development, which sparked my desire to study Computer Science at Utah State where I learned programming fundamentals such as C++, Java, and Python. (I'm actually using Python right now to generate some of this cover letter content. It's all still written by me, though!) During the last few years of my college experience, I took a special interest in web and mobile development. I cultivated an array of skills including HTML, JavaScript, CSS, Vue, Java, Kotlin, and Jetpack Compose.

I continued to maintain and expand my skill set as a developer after graduation, undertaking personal mobile and web app projects using Android Studio. After independently learning Flutter and Dart, I began to develop mobile applications, using Google Firebase for database management. It is important for me to write practical, neat, reusable code as well as provide an intuitive and aesthetic user experience.

While working for EFORCE Software, I became accustomed to using SQL for database navigation and management. At my current job, I have gained professional experience building software applications using React, Bootstrap, Tailwind, and Vue. I am currently finishing a personal resume website using React, TypeScript, and Tailwind; all tools which I picked up about a year ago. I also have professional experience with backend development using C, JavaScript, and TypeScript; as well as API integration using PHP Laravel. At my current job, I took on the task of writing code to have my company's website communicate with the APIs of two different cell providers. At the beginning of the project, I had little to no knowledge of PHP, Laravel, or APIs; but was able to rapidly educate myself and fully implement the API feature. For all my projects, personal and professional, I have a strict history of using Git for version control.

I would love to continue to discuss this position and how my expansive skill set would make me a great asset to your team. I would also be more than happy to demonstrate any software projects to exemplify my ambition and competency. Please reach out to me for any questions concerning my candidacy. I look forward to hearing from you.

Sincerely,
Bradan Schwanke
September 30, 2024