

Keaton Flake

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Education

Brigham Young University Idaho | Currently Attending

Bachelor's Software Engineering	Overall GPA 3.98	Major GPA 3.98
Graduating December 2025	Emphasis Full Stack Development	Computing Society

Projects

Neighborhood Watch Map (Full Stack | 1st place Hackathon winner)

- Developed a custom Google Maps tracking system integrated with Google Gemini AI for advanced data summarization.
- Implemented account creation and local reporting features with secure data storage using Google Firebase.

Car Maintenance Tracker (Full Stack)

- Built a personal garage management system using Node.js, Express, MongoDB, and Google OAuth, allowing users to add and store maintenance records.

Route/Speed Tracking App (Full Stack)

- Designed and developed a route tracker application using Node.js, Vue 3, Tailwind CSS, PostgreSQL, and Google Maps integration.
- Enabled users to create accounts and start routes with integrated location and time tracking.

Movie Info App (Full Stack)

- Developed a Netflix-style platform using React, Tailwind CSS, and Google Firebase, showcasing live movie statistics from a real-time API.

Skills

- **BackEnd:** Python, Node.js, SQL, MongoDB, Express, Testing, CRUD, REST API design
- **FrontEnd:** JavaScript/TypeScript, React, Vue, HTML/CSS, UI Design & Development
- **General:** Git/GitHub, Jira, Sprint Task Management, Object-Oriented Design, Technical Documentation, Agile Team Collaboration

Work Experience

Financial Services Representative | Goldenwest Credit Union | April 2024 - Present

- Managed accounting tasks, cash/wire transactions, and credit card processing with banking software.
- Utilized CRM software to manage member information and sales records, ensuring accurate data entry.

Quality Assurance Engineer Intern | Vivacity Tech PBC | April 2023 - July 2023

- Collaborated with a team of 9 developers using GitHub and Jira to track progress during each sprint.
- Wrote automated testing scenarios and documented 70+ bugs using Selenium and Cypress.
- Evaluated and researched 10+ automated testing platforms to improve software quality assurance processes.

Software Support Technician | AZCOMP Technologies | Oct 2021 - Dec 2022

- Worked as part of a team of 7 IT specialists to resolve a wide range of network and software issues.
- Documented 50+ software bugs in medical billing software affecting live users, collaborating with developers to reproduce and resolve issues.
- Managed a fast-paced work environment, efficiently resolving 20+ support tickets daily.