# Michael Alberda

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## SUMMARY

Full-stack Software Engineer with over 3 years of experience designing, developing, and optimizing scalable web applications. Skilled in PHP, JavaScript, MySQL, and Laravel, with a strong foundation in computational mathematics and computer science. Adept at collaborating in Agile/Scrum teams to deliver high-quality, user-friendly solutions that improve performance, reliability, and client satisfaction.

## EXPERIENCE

**Software Engineer** | Tovuti LMS | May 2022 – August 2025

- Developed and Deployed multiple LMS features using PHP, JavaScript, and MySQL, improving usability for 100,000+ end users.
- Designed, debugged, and maintained Laravel API endpoints used by mobile apps, increasing API reliability and reducing downtime.
- Collaborated with product and design teams to create user-friendly reactive interfaces aligned with client requirements.
- Partnered with QA team to identify and resolve bugs, maintaining 99%+ uptime while improving reliability.
- Contributed to Agile meetings (sprint planning, sprint retro, daily standups), ensuring team communication and timely delivery of features and bug fixes.

**Software Development Intern** | Tap Network LLC | January 2022 – May 2022

- Created and implemented new features for an Ionic Mobile application, improving user experience and completing client requests.
- Authored documentation for existing codebase, increasing maintainability for future developers.
- Collaborated with an overseas team to enhance code quality, implementing best practices for scalability and maintainability.
- Engaged directly with CEO to align technical work with business and client goals.

## EDUCATION

- B.S. COMPUTER SCIENCE | MAY 2023 | BOISE STATE UNIVERSITY
- B.S. MATHEMATICS – COMPUTATION OPTION | MAY 2021 | UNIVERSITY OF IDAHO

## Technical Skills

**Languages and Frameworks:** PHP, JavaScript, Laravel, HTML, C, C++
**Databases:** MySQL, SQL
**Tools and Platforms:** Git, Linux, AWS, Agile/Scrum, REST APIs
**Miscellaneous:** Debugging, Database Optimization, Scalable Systems, Technical Documentation