

Zac Seebeck

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EDUCATION

Western Governors University, Salt Lake City, UT

Completed February 2026

Bachelor of Science – Software Engineering

PROFESSIONAL EXPERIENCE

Georgia Institute of Technology, Remote

Mar 2025 - Present

Sr. Application Developer

- Design and develop enterprise-level web applications using Java and Angular to support academic and administrative operations.
- Collaborate with faculty and department stakeholders to identify inefficiencies and design custom software solutions that streamline workflows and data management.
- Mentor junior developers and student workers, promoting clean code practices and knowledge sharing within the team.
- Lead technical planning for upcoming projects, including requirements gathering, architectural design, and technology evaluation.

Bay City Public Schools, Bay City, MI

Jan 2022 – Present

STEM & Robotics Mentor

- Teach high school students programming and engineering concepts through hands-on robotics projects, emphasizing critical thinking, problem-solving, and teamwork.
- Develop and deliver structured lessons covering Java programming, control systems, and automation used in the FIRST Robotics Competition framework.
- Guide students in technical documentation and presentation skills to prepare them for judged events and industry engagement.

Full Circle Media, Remote

Sept 2021 – Mar 2021

Lead Software Engineer

- Design and maintain automated build and testing pipelines for containerized Django and ASP.Net applications utilizing Docker and self-hosted GitHub Actions, reducing reported bug rates by 70%.
- Create and implement optimization strategies for consumer facing and client internal systems, improving system utilization and reducing page load times by 40% leading to increased conversions.
- Lead the development and deployment of software solutions, collaborating with teams of developers, designers, and marketers to achieve seamless project delivery along tight deadlines.
- Collaborate directly with clients to analyze existing issues, design tailored, consumer-focused solutions, and ensure implementations minimized the risk of introducing new challenges.

Newtech Dealer Services, Bay City, MI

Jan 2019 – May 2021

Junior Developer

- Collaborated with team members to maintain and enhance web and mobile applications using Laravel and Ionic frameworks, ensuring efficient, and scalable code while meeting tight project deadlines.
- Utilized technologies such as PHP, MySQL, Vue, and Couchbase to design dynamic, interactive features, improving user engagement and supporting seamless scalability across platforms.
- Proactively identified and resolved bugs throughout the development lifecycle, implementing robust testing and debugging processes to enhance system stability, increase uptime.