

# Michael Schennum

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## Links

[www.linkedin.com/in/mikeschen](https://www.linkedin.com/in/mikeschen)

[www.github.com/mikeschen](https://www.github.com/mikeschen)

[www.mikeschen.com](https://www.mikeschen.com)

## SUMMARY

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Senior full-stack software developer with a strong track record across multiple industries and tech stacks. Proven leadership in full-stack roles and as a front-end tech lead, driving initiatives like increasing unit test coverage, reducing technical debt, leading design system overhauls, and improving security. Experienced in mentoring developers, conducting code reviews, collaborating with stakeholders, and delivering scalable, production ready solutions.

## EXPERIENCE

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### Empower Community Care, [empowercommunitycare.com](https://empowercommunitycare.com)

March 2025 - Present : *Full-stack Software Developer and Consultant*

- Contractor and consultant developing single-page applications using React, Vue, and Firebase backend for Empower Community Care, a global health leader delivering evidence-based programs and technology solutions.

### Nelnet Community Engagement, [nelnet.com](https://nelnet.com)

June 2021 - July 2024 : *Front-End Tech Lead / Senior Software Engineer*

- Promoted to Tech Lead role from Senior Software Engineer (Vue/Laravel).
- Plan, architect and write documentation/tickets for epics, roadmap, tech debt and testing.
- Led initiatives to migrate from Vue 2 to Vue 3, streamline CSS design system, fix front-end security vulnerabilities and increase unit test coverage to 50% or more.
- Review and take on back-end tickets (Laravel/PHP/MySQL) when needed.
- Helped oversee onshore, offshore and contract front-end teams, as well as pair-program and mentor junior and mid-level developers.
- Deploy and monitor code with Docker, AWS ECS and GitHub CI/CD.

### STS Cymetryc, [cymetryc.com](https://cymetryc.com)

MARCH 2020 - JUNE 2021 : *Lead Front-End Developer*

- Designed and launched a greenfield enterprise healthcare portal using Vue 3, Vuex, and Vuetify, collaborating closely with backend engineers and stakeholders.
- Built component architecture, testing suite (Vue Test Utils), and UI system.
- Integrated with existing RESTful APIs built in .NET/C#.

### Modern Climate, [modernclimate.com](https://modernclimate.com)

MARCH 2018 - JANUARY 2020 : *Full-stack Developer II*

- Promoted from Front-end Developer to Full-stack Developer II.
- Built enterprise web apps using React, Redux, Ruby on Rails, and PostgreSQL.
- Created mobile apps with React Native and Typescript.

### Prism Studios / American Express, [americanexpress.com](https://americanexpress.com)

MARCH 2017 - JANUARY 2018 : *Software Developer*

- Subcontracted to **American Express** to work on fintech credit score software on an Agile team.

- AngularJS, Angular and React developer for enterprise-level applications.

**Woz-U,** [woz-u.com](http://woz-u.com)

SEPTEMBER 2016 - MARCH 2017 : *Coding Instructor*

- Taught JavaScript, React, Node.js, HTML, CSS, Bootstrap, Typescript, .NET and C#.

## EDUCATION

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### **Epicodus, Portland, OR**

Graduated six-month coding bootcamp in 2016 studying React, Ruby on Rails, Java, Android, SQL, Javascript, HTML and CSS.

### **University of California, Santa Cruz, CA**

Bachelor of Arts, Major in Art.

## PERSONAL PROJECTS

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### **Hangboard Repeaters - Rock Climbing Training Android App**

Creator of a top-rated Android rock climbing training app with over 54,000 downloads and 4+ star rating. Built with Java, Kotlin, and SQLite.

<https://play.google.com/store/apps/details?id=com.mikeschen.www.hangboardrepeaters>

### **Open Beta - Rock Climbing Guidebook Web App**

Maintainer for [OpenBeta](https://openbeta.io) ([openbeta.io](https://openbeta.io)), an open-source web/mobile app for discovering and planning rock climbing routes worldwide. Built with React, Next.js, Tailwind, TypeScript, GraphQL, Node.js, and MongoDB.