

Kim Abcouwer

SOFTWARE ENGINEER

303-885-6169 · kimberly.abcouwer@gmail.com · [Linkedin](#) · [GitHub](#) · [Project Portfolio](#)

PROFILE

High-performing Software Engineer with a passion for leveraging technology to drive sustainable solutions. Experienced in backend web development with Ruby on Rails and frontend development with React. Skilled in collaborating with cross-functional teams to solve complex problems and drive continuous improvement. Strong communicator with experience providing exceptional customer support and fostering positive client relationships. Seeking opportunities in solar software engineering to combine technical expertise with a passion for renewable energy.

SKILLS

Ruby on Rails	React	HTML/CSS
Python	Javascript/Typescript	Postman
GraphQL	Node.js	Git
PostgreSQL/MySQL	PHP	AutoCAD
REST APIs	AWS	PVSyst

PROFESSIONAL EXPERIENCE

Backend Engineer, FormaHealth (Founding Developer)

Jan 2024 — Present | Remote

- Architected REST API using Ruby on Rails and PostgreSQL, enhancing system functionality.
- Integrated Okta for secure user authorization, ensuring compliance with security standards.
- Designed and implemented an LLM for capturing, translating, and structuring voice memos, contributing to the generation of valuable observations and logs.

Software Engineer, BoweryAI

May 2023 — Oct 2023 | Remote, Contract

- Developed an SAT registration platform using Next.js, Typescript, Ruby on Rails, and PostgreSQL.
- Implemented robust security measures, including clerk authorization, and introduced webhooks for seamless user data synchronization.
- Integrated Stripe for online payments, ensuring a secure and streamlined process.

Software Engineer, Aktivite

Dec 2021 — Nov 2022 | Remote

- Spearheaded the implementation of third-party API integrations for healthcare enrollment within sports registration.
- Collaborated cross-functionally to debug and optimize PHP and Ruby applications, resulting in a 30% reduction in critical issues.
- Led the launch and ongoing maintenance of Google Ad Manager integrations, optimizing ad placements and boosting revenue by 15%.
- Participated in code reviews, fostering a collaborative and innovative development environment.
- Promoted from Support Engineer after 2 months after reducing the average close time of bug board tickets from 72 to 24 hours, showcasing a quick grasp of the system and a 66% improvement in issue resolution speed

Retrofit Design Team Lead (2016 - 2018) & PV Solar Designer (2018 - 2020), Namaste Solar

Apr 2016 — May 2020 | Denver, CO

- Spearheaded the development of technical electrical diagrams for solar installations with battery backup, demonstrating a comprehensive understanding of solar energy systems, electrical design principles, and AutoCAD.
- Distinguished as a mentor and leader, successfully improving team productivity and efficiency by implementing streamlined workflow processes. This initiative resulted in a remarkable 25% reduction in project delivery time.
- Provided technical engineering support and collaborated cross-functionally with project managers, engineers, and electricians to integrate solar solutions seamlessly.
- Demonstrated expertise in creating accurate, code-compliant permit plans for new-home solar communities

EDUCATION

May 2021 — Nov 2021	Backend Engineering, Turing School of Software & Design	Remote
Aug 2007 — May 2011	Mechanical Engineering, University of Colorado at Boulder	Boulder, CO