Caine Nielsen

Full-Stack Software Engineer

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Summary

I am a fun and hard working software engineer with lots of passion. I love to code and build things that delight people. I have a drive to improve developer productivity, a patience for writing clean, reusable code, and lots of experience with web technologies. I work great with others and love to collaborate and pair-program. I am always learning and moving forward and just need a chance to make the next big jump.

Employment History

Pura

Software Engineer Ⅲ | May 2024 - Mar 2026

Founded monorepo-style codebases, developed shared libraries and components, contributed to multiple software teams, utilized database driven development, optimized CI/CD, improved local development workflows, worked with leads and stakeholders to define data models and plan system architecture changes.

Software Engineer Ⅱ | Jun 2023 - May 2024

Implemented multiple event-driven application pipelines to support device control and ecommerce infrastructure, built and upgraded various internal and external APIs, improved integration with client applications, debugged and fixed production issues, improved API logging and performance.

Software Engineer Ⅰ | Sep 2021 - Jun 2023

Utilized a CMS system to launch a fully integrated custom help center site. Built an Alexa smart home integration that integrated with Pura device control systems.

Product Manager Intern | Jan 2021 - Aug 2021

Implemented major upgrades to customer support operations data collection and analysis, worked with UX team and support ops to design a new help center, reduced customer service friction through improved disposition and configuration.

NUVI

System Administrator | Nov 2019 - Nov 2020

Deployed workstations for new employees, assisted in salesforce administration and marketing automation, organized credentials for 3rd party systems.

See more on my portfolio

Education

Software Engineering Study

I love working on code projects in my free time. I learn new tools and tricks every day that excel my personal projects forward and keep me up to date on technologies that I need on the job. I am a self-taught self-starter and I love to experiment. I also delve into free courses and attend cool events when I can.

High School Diploma

Skills & Experience

Operational

- I communicate and document well.
- I like to work as a team, in the trenches.
- I consider myself flexible and a jack of all trades.
- I stay focused on deliverables and outputs.
- I know when to pick my fights and die on hills.
- I am proactive and I take initiative.
- I talk to people like a human, like a friend.
- I like to solve tough problems with data.

Technical

- AI Driven Development, Claude Code
- Golang, Workspaces, Frameworks
- JavaScript + TypeScript Full-Stack
- Python, Flask, Pandas
- Web Frameworks, React, Vue, Nuxt, etc.
- Cloud Platform Products (AWS, GCP)
- IaC Tools, Terraform, AWS CDK
- CICD Tools, GitHub Actions, Jenkins
- Containers, Docker, Helm, etc.
- Event driven Systems, Streams, Queues
- IoT Systems, MQTT, Smart-Home Integrations
- Databases, SQL, NoSQL, Postgres, Redis
- Websockets, GraphQL, gRPC

I make an impact because

- I am always working to build the simplest solution. Keep it simple, silly.
- I am a natural leader and love to collaborate and build stuff as a team.
- I take ownership of projects and keep up on chores and maintenance.
- I'm excited to learn new languages, frameworks and tools.
- I care about the code and the outcome. I test, validate, and iterate before deployment.