

NICK ASCHENBACH

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503.915.1358

San Diego, CA

PROFESSIONAL SUMMARY

Experienced software engineer with a track record in healthcare, fintech and startup companies. I specialize in bringing new projects to life. My passion is to do what it takes to get the software out the door leading activities like supporting engineering, working closely with business teams to evolve product requirements, project management, UX design, QA, coaching and mentorship.

TECH SKILLS

Nodejs	Express	REST / GraphQL APIs
AWS	React / Nextjs	Jest
Prisma	TDD	Figma
Sequelize	Data science	Illustrator / Photoshop

EXPERIENCE

Head of Engineering VECKTA Corp - San Diego, CA	2020 - 2024
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- Lead company engineering function that develops world class software
- Collaborated with internal and external stakeholders to build features that solve the right problems
- Managed software operations, including triage, documentation and response
- Developed software roadmap, planned epics, designed user experiences and broke work down into feature stories
- Reviewed code, performed quality assurance and maintained a high level of software quality
- Developed and maintained cloud and application deployment infrastructure
- Researched and evaluated new technology, 3rd party data sources and other innovations which could improve application performance
- Developed and monitored key performance indicators to ensure and communicate team success
- Built ChatGPT enabled electrical outage detector bot prototype

Software Engineering Team Lead / Engineering Manager
Cambia Health Solutions - Portland, OR 2016 - 2020

- Lead development of a health care medical payments mobile application
- Developed and led agile rituals including scrum, sprint planning, demo and grooming
- Engineered RESTful APIs using Node.js on the back-end (express, sequelize, Cognito/JWT-based auth, jest)
- Developed insights for bills employing medical expert knowledge and data science techniques
- Developed React-Native front-end app to support iOS and Android devices
- Constructed Extract-Transform-Load (ETL) pipelines using AWS technologies: S3, Lambda, SQS, ECS and RDS (Postgres/MySQL)
- Employed AWS technologies: EC2, IAM, load balancers, Route53, ACM and CloudWatch Logs/Events

Software Development Engineer
Hewlett-Packard - Vancouver, WA 2014-2016

- Developed Ruby on Rails application for HP's Instant Ink Subscription Service
- Increased customer base by over 50x from 30K to over 1M users
- Developed bill payment and point of sale activation systems to support US and overseas customers
- Developed back-end to communicate with over 1M printer embedded systems
- Prototyped new applications using Rails and Sinatra
- Analyzed and improved application performance

Software Development Engineer
Siemens - Wilsonville, OR 2012-2014

- Developed new Azure based multi-physics simulator
- Implemented REST APIs using ASP .NET MVC in C#

EDUCATION

Portland State University MS, Computer Science
University of Washington BS, Computer Science
Pitzer College, BA, Computational Biology