Nicholas Heyn

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Work Experience

Compound Planning

Software Engineer   2024 - 2025
- Developed and maintained client-facing financial dashboards and internal web applications using Next.js and React.
- Built out feature to allow clients to file their taxes through their client dashboard.
- Integrated with Dialpad to capture AI-generated meeting notes within 1 minute of finishing a call with a client.

Amazon

Software Development Engineer II   2022 - 2024
Software Development Engineer I   2019 - 2022
- Developed and maintained several business-critical applications with Java Spring including order pipeline, tax and duty calculation, and payment processing.
- Rebuilt and maintained the cart and checkout experience with React.
- Was team lead for customer loyalty project where customers could earn points to get discounts on products.
- Developed and maintained an AWS Lambda service that automated approximately 137,000 refunds per year for customers who were overcharged duties and taxes.
- Built API endpoint used by multiple services and teams to determine how much money a customer is eligible to be refunded for a particular order.
- Built payment mocking tool to help create orders in our beta environment for testing purposes.

Education

University of Minnesota - Twin Cities   Graduated 2019
Bachelor in Computer Science
GPA: 3.862

Skills & Other

Known languages: Java, Python, C++, SQL, Typescript, CSS
Technologies: Several AWS technologies (Lambda, DynamoDB, SQS, etc.), React, Node, Postgres databases, Spring
Software: IntelliJ, Visual Studio Code, Adobe Analytics, Git
Project Management: Scrum methodology