

NEHA DESHPANDE

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SUMMARY & SKILLS

Driven and multifaceted full-stack software engineer with a strong technical foundation and an eye for design. I excel at collaboration across cross-functional teams and have a passion for building beautiful user experiences.

- **Languages:** Advanced { Typescript, Java, Python, SQL }, Intermediate { Go }, Proficient { C }
- **Technologies:** React, React Native, NodeJS, PostgreSQL, GraphQL, AWS (RDS, SNS/SQS, S3, ECS, Lambda), Kubernetes, Kafka, Redis, Github, CircleCI, Spinnaker, Terraform, Snowflake, Figma, PyTorch, TensorFlow

WORK EXPERIENCE

Convoy | Startup - Zero-Waste Digital Freight Network **Seattle, WA | Full-Time**
SOFTWARE ENGINEER II - Drop & Hook Program **Mar 2023 - Nov 2023**
SOFTWARE ENGINEER I - Trailer Pool Optimization **Jan 2022 - Mar 2023**

- Designed and developed a trailer return customization feature used by **1,000s of carriers** per week, yielding **\$50k weekly revenue**. Integrated with Convoy's Instant Auction, further **increasing weekly revenue by \$5k**.
- Implemented promotions for trailer return location options, **saving 1,000s of dollars** in operations.
- Led, designed and implemented a real-time location proximity refresh to replace the previous manual approach; this **eliminated a 1 month data sync lag** and **saved 10+ engineer hours** per month.
- Led, designed and implemented an optimal location selection backend feature for empty trailer pickups which resulted in a **40% reduction in empty miles** and on average a **12% reduction in cost**.
- Led design doc reviews, on-call hand-offs, and social team events. Organized sustainability events and Earth Day speakers as part of Convoy's Green Task-force group. Mentored and on-boarded 2022 Summer interns.

Salesforce | Cloud CRM Platform **Remote | Internship**
SOFTWARE ENGINEER INTERN - Distributed Storage as a Service **May 2021 - Aug 2021**

- Implemented a Kubernetes Job in Go that unlocks efficient vertical scaling in data pods by modifying PVCs (Persistent Volume Configurations). This has led to a **75% reduction in disk storage costs** over the long term.

Convoy | Startup - Zero-Waste Digital Freight Network **Remote | Internship**
SOFTWARE ENGINEER INTERN - Data & ML Platform Feature Versioning **May 2020 - Aug 2020**

- Designed and implemented a dashboard for our internal A/B testing platform, improving experiment analysis for data scientists. Implemented a Slack webhook to alert scientists of any changes to ongoing experiments.

Fiserv | Fintech Solutions **Atlanta, GA | Internship**
SOFTWARE ENGINEER INTERN - First Data CTO Intern Team **May 2019 - Aug 2019**

- Designed and developed an AWS tool to analyze posts on X (formerly Twitter) and summarize customer sentiment around various Fiserv products. This automated discovery of product issues by the tech team.

EDUCATION

Georgia Institute of Technology **Atlanta, GA**
M.S. COMPUTER SCIENCE - MACHINE LEARNING - GPA: 4.0 **2020 - 2021**
Graduate TA - Intro to Database Systems **Spring 2021 - Fall 2021**

B.S. COMPUTER SCIENCE (HIGHEST HONORS) - GPA: 3.97 **2017 - 2020**
Senior TA - Data Structures and Algorithms **Spring 2019 - Fall 2020**
VP of Media, Arts & Design - India Club at GT **Fall 2018 - Fall 2020**