

# Mike Lee

SOFTWARE ENGINEER

Astoria, New York

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## Technical Skills

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**Client-Side** React · Redux · Testing Library · Webpack · Module Federation · HTML/CSS

**Server-Side** Django · Spring Boot · Express · Postgres · MongoDB

**DevOps** Terraform · Kubernetes · Docker · GitLab CI/CD

## Experience

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### Demandbase

SENIOR SOFTWARE ENGINEER

*demandbase.com*

*Nov 2023 - Present*

- Developed tools with AI agents (e.g. AWS Bedrock), integrating a knowledge base and conversational history to improve response relevance and enable context-awareness
- Implemented an AI-driven content recommendation feature to personalize the website customization experience
- Optimized GitLab CI/CD pipelines by enabling parallel unit tests, reducing execution time by 50% and consolidating coverage data into a single report
- Interviewed candidates to evaluate their technical proficiency and alignment with the company's culture

### Demandbase

SOFTWARE ENGINEER

*demandbase.com*

*Mar 2022 - Oct 2023*

- Contributed to the integration of enterprise SaaS products after the InsideView acquisition, helping bridge teams and centralize 1st-party and 3rd-party data for sales users
- Developed a Proof of Concept enabling dynamic data filtering through a conversational AI interface
- Launched an enhanced snapshot email service, implementing dynamic image dimension calculation for multi-link integration via image maps
- Served as a release manager, automating semantic versioning for the internal NPM package and optimizing CDN caching

### ByDesign

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*bydesign.io*

*Nov 2020 - Mar 2022*

- Implemented core features of the React web app, including authentication, onboarding, and user analytics
- Developed a React Native mobile app from the ground up, featuring customizable notes and calendar integrations with Google and Outlook
- Achieved real-time synchronization of edits and notifications across web and mobile platforms

## Certifications

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### Solutions Architect – Professional

AMAZON WEB SERVICES

- Acquired the knowledge to build secure and robust solutions using architectural design principles based on customer requirements

## Education

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### Emory University, Goizueta Business School

BACHELOR OF BUSINESS ADMINISTRATION

Finance & Analytical Consulting