

# Michael Thomas

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[github](#) | [linkedin](#)

## EDUCATION

### Bachelor of Science - Computer Science

Bellevue College

Sep 2018 - May 2021

Bellevue, WA

## SKILLS

**Programming Languages** Java | Go | C# | TypeScript | SQL

**Technologies** Docker | Angular | AWS (CloudFront / Lambda / APIG / KMS / IAM) | Git | NodeJS | Spring

## EXPERIENCE

### Sherpa 6

August 2023 - Current

Software Development Engineer III

Kent, WA

- Full stack development supporting an enterprise mobile device management platform. Technologies involved include Angular, TypeScript, Go, and Docker.

### Aiphone

May 2023 - August 2023

Software Development Engineer II

Redmond, WA

- Leading the expansion of SaaS offerings. This includes designing and implementing user management systems, cloud based configuration systems, and billing portals. All components are built on AWS and driven by CI/CD pipelines.

### Amazon

Feb 2022 - Feb 2023

Software Development Engineer I

Seattle, WA

- Provided designs, documentation, and development work for a large scale cloud migration of multiple high traffic, low latency Tier-1 services. This included developing microservices using various AWS products and a proprietary container-based platform to support Kindle content delivery.
- Managed, updated, and provided on-call support for multiple Tier-1 services requiring development work in multiple languages including Java and TypeScript.

### Amazon

June 2021 - Feb 2022

Support Engineer III

Seattle, WA

- Designed and implemented core components for the Look Inside The Book feature migration from an unsupported Perl framework to a JavaScript and Java based solution.
- Enabled the marketplace expansion of the Amazon Kids+ program as a single contributor. This included new infrastructure setup and updating the Kindle Web Reader application to support right-to-left pagination. This work resulted in a 320% increase in daily traffic to the program.
- Developed custom workflows to increase the success rate of ComiXology content ingestion by 30%.
- Designed and implemented core components for the Look Inside The Book feature migration from an unsupported Perl framework to a JavaScript and Java based solution.

### Amazon

May 2019 - June 2021

Support Engineer II

Seattle, WA

- Provided updates to 27 KTLO services based on Java, C++, JavaScript, WML, SQL, and Perl.
- Brought the Kindle for PC & Mac applications out of KTLO to ship new updates and features.
- Created automation reducing the number of incoming support tickets by 12% year-on-year.
- Updated and standardized documentation for 15 years worth of service history.

### Microsoft

Jan 2015 - Oct 2018

Lab Engineer

Redmond, WA

- Design and implement monitoring software to generate alerts and reports on device health.
- Create software automation for previously manually executed tasks.