

# JAYLEN DOUGLAS

## Senior Software Engineer

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### Summary

Senior Software Engineer with 7+ years of experience designing scalable, secure backend systems and leading full-stack development teams. Cross-industry expertise spanning fintech, healthcare, and AI-driven consumer tech. Known for architecting resilient cloud-native services, building high-impact AI solutions, and optimizing infrastructure for cost and performance. AWS Certified, open-source contributor, and committed to engineering excellence.

### Key Achievements

#### API Latency Reduction

Reduced API latency by 45%, enhancing performance and user experience significantly.

#### Microservices Uptime Achieved

Achieved 99.99% uptime for fintech microservices, ensuring high reliability for users.

#### Cloud Cost Reduction

Cut monthly cloud expenses by \$1,200+, optimizing resource allocation efficiently.

#### Improved Engagement Metrics

Boosted user engagement by 40% through improved candidate-job matching success rate.

### Experience

#### JP Morgan Chase & Co

Atlanta, GA

##### Senior Software Engineer

12/2022 - Present

- Contributed to engineering and maintenance of cloud-native REST APIs processing 10K+ requests per second, powering credit risk systems used by 19K+ internal users daily
- Designed and deployed a suite of microservices using Spring Boot, supporting mission-critical fintech workflows with 99.99% uptime
- Directed a system overhaul that reduced average API latency by 45% and cut downtime incidents by 30% over 6 months
- Integrated generative AI tooling into reporting workflows, cutting manual report generation time by over 70% for Credit Risk Officers
- Reviewed code changes following engineering best practices

#### From the Culture

Seattle, WA (remote)

##### Lead Software Engineer, LP

11/2023 - 01/2025

- Launched two AI-backed platforms (Culture Forward and NextUp AI) with Node.js/React Native stack, achieving 150+ active monthly users in under 6 months
- Built a proprietary 'living resume' system using LLMs and video analysis, increasing candidate-to-job match success by an estimated 40%
- Directed infrastructure refactor that cut monthly cloud spend by \$1,200+ (60%) through AWS-to-DigitalOcean migration and environment consolidation
- Rewrote backend services in Go and replaced Node.js with Bun.js, achieving startup time improvements of 60% and reducing memory footprint by ~40%
- Converted mobile apps to PWAs, reducing deployment complexity and eliminating store approval cycles, improving iteration speed by 2x
- Deployed CI/CD health checks and custom load balancing with Nginx and GitHub Actions, improving service reliability and reducing regression incidents by 50%
- Mentored junior developers on the best practices for building resilient, enterprise-level applications in JavaScript/Typescript

#### Johnson & Johnson

Providence, RI

##### Software Developer

05/2018 - 12/2022

- Delivered Python and Node.js APIs powering IoT medical device platforms, supporting deployments in 12+ countries with strict latency and compliance requirements
- Built internal ReactJS tools for eye care professionals, integrated with Acuvue smart vending machines across 100+ retail sites
- Collaborated with 9-person engineering team to create a logistics tracking system using real-time IoT data for pharmaceutical products, improving shipping traceability by 85% and helping reduce losses due to spoilage
- Contributed to robotic-assisted surgery tooling by implementing offline firmware updates and UI enhancements, resulting in 20% faster surgical system startup
- Organized quarterly global development center townhalls which highlighted work from teams in NA, LATAM, EMEA and APAC regions

## Education

Johnson & Wales University  
B.S. in Computer Science

Providence, RI  
2018


## Languages


English Native ●●●●●

## Skills

Agile · API Design · AWS · Docker · GCP · Git · Go (Golang) · GraphQL · IoT · Java · JavaScript · Typescript · Jenkins · JIRA · MongoDB · Nginx · PostgreSQL · Python · React · React Native · Redis · SpringBoot · RabbitMQ · Supply Chain · Flask · SQL · Fast Learner · Versatile · SPA

## Find me online

 **GitHub**  
<https://github.com/ableinc>

 **Website**  
<https://jaylendouglas.com>

 **LinkedIn**  
<https://www.linkedin.com/in/jaylen-douglas-292b82a6/>

## Certification

AWS Certified Cloud Practitioner — Amazon Web Services; 2023

## Projects

Janssen Track & Trace Providence, RI  
2020 - 2022

A global system to track raw materials to finished goods through warehouses and distribution centers, preventing counterfeiting and ensuring patient safety.

- Improving shipping traceability by 85% and helping reduce losses due to spoilage

AI for Internal Job Match; JP Morgan Chase & Co. Atlanta, GA  
2024 - 2025

A job matching system which uses keyword detection and Gen-AI to match employees with new job opportunities within the company. It was birthed from our first ATL Hackathon and took first place.

- Improved job matching accuracy by 20%

Git2txt Atlanta, GA  
2023 - 2024

CLI tool that converts entire Git repositories into .txt files for training LLMs on source-code.

- Starred by 35+ developers on GitHub

Gohot Atlanta, GA  
2025 - Present

Hot-reloading tool for Go projects that watches your source files and automatically recompiles and restarts your application when files change.

- Increased development time by 30%