

# ABDULLAH PATHAN

Chicago, IL

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## PROFESSIONAL SUMMARY

Detailed-oriented full-stack developer with 4+ years of experience building scalable web applications and cloud-native AI security platforms. Expertise in Java, Spring Boot, React, and AWS with proven ability to architect microservices, optimize performance, and reduce code complexity by 60%. Strong experience delivering end-to-end features across frontend, backend, and cloud infrastructure in fast-paced, startup environments. Microsoft certified in Dynamics 365 Finance and AWS Certified Cloud Practitioner.

## SKILLS SET

**Programming Languages:** Java, JavaScript, TypeScript, SQL

**Frontend Technologies:** React.js, Angular, Redux Toolkit, Material-UI, Tailwind CSS, Responsive Design

**Backend Technologies:** Spring Boot, Node.js, Express.js, REST APIs, FAST APIs, Microservices Architecture

**Frameworks and Technologies:** Socket.io, JWT Authentication, Web Scraping, API Integration

**Databases:** MySQL, PostgreSQL, MongoDB, Amazon RDS, DynamoDB

**Cloud and DevOps:** AWS (EC2, S3, Amplify, CloudFront, Lambda), Docker, GitLab CI/CD, Vite

**Development Tools:** Git, IntelliJ IDEA, VS Code, JUnit, Postman

**Certifications:** [AWS Certified Cloud Practitioner](#), [Microsoft Certified Dynamics 365 Finance Functional Consultant Associate](#)

## EDUCATION

**University of Alabama at Birmingham**

Birmingham, AL

*Master in Computer Science, GPA – 3.7*

## EXPERIENCE

**Symbian Health**

Marlborough, MA (Remote)

*Full-Stack AI & Cloud Engineer*

Dec 2025 – Present

- Designed and implemented a comprehensive AI security SaaS platform with 7+ microservices including AI Gateway, Batch Redaction, Garak LLM Scanner, Pentest Vulnerability Scanner, Giskard and Evidently Scanner.
- Designed and built a dynamic EC2 service deployment platform with RESTful APIs and UI to provision, start, stop, and terminate instances on-demand with real-time health checks.
- Refactored monolithic components into reusable architecture, reducing code duplication by 60% and improving maintainability across 50+ components.
- Integrated AWS Amplify authentication with JWT token management and implemented secure API communication layer with comprehensive error handling.
- Built real-time service health monitoring with automated state synchronization using polling, WebSockets, and async job tracking.
- Implemented real-time job status tracking with progress indicators and result visualization for security scans.

**Dev Launchers**

Austin, TX (Remote)

*Front-End Developer*

Feb 2025 – Nov 2025

- Developed intuitive user interfaces using React.js, resulting in a 40% reduction in user task completion time.
- Collaborated with UX and Backend team to transform wireframes into responsive, pixel-perfect interfaces across all the platforms.
- Used Redux Toolkit to architect scalable state management patterns, improving application performance and reducing debugging time.

**Forage**

Atlanta, GA

*Virtual Engineering Internship*

Jan 2025

- Implemented scalable ML-powered solutions for enterprise clients using Spring Boot, TensorFlow, and edge computing technologies.
- Developed RESTful web services with comprehensive JUnit test coverage achieving 85%+ code coverage.
- Optimized data models and SQL queries for business applications, improving query performance by 25%.

**University Recreation Center at UAB**

Birmingham, AL

*Facility Supervisor*

Aug 2024 – Dec 2024

- Led a team of 5 Operations Attendants and trained over 25 student staff showcasing leadership and team-oriented abilities.
- Collaborated with management to improve operational processes and implement strategies for facility optimization.

*Operations Attendant*

Dec 2023 – April 2024

- Assist patrons and offer support through help desk services.
- Monitored compliance with safety and operational standards.

**WebCraft IT**

Indore, MP

*Junior Software Developer*

June 2020 – May 2023

- Integrated APIs to enable seamless communication between services and ensured efficiency through robust schema designs.
- Developed scalable software solutions using Java and Spring Boot, leveraging cloud platforms such as AWS for deployment.
- Worked on projects in an Agile development environment, following Scrum methodologies.