Abdullah Durrani

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[LinkedIn](#) | [GitHub](#) | [Portfolio Page](#)

SOFTWARE ENGINEER

Software engineer with hands-on experience building full-stack applications using React, Node.js, MongoDB, and AWS. Completed intensive 750+ hour software engineering program and gained practical experience through two technical internships, delivering production features including real-time notification systems, TDD-validated security functions, containerized deployments, and CI/CD pipeline implementations. Skilled in building user-focused solutions with strong foundation in problem-solving and collaborative development. Currently pursuing AWS Certified Cloud Practitioner and contributing to open source projects.

TECHNICAL SKILLS

- **Programming Languages:** HTML | CSS | JavaScript | Python | TypeScript | Go | C#
- **Frameworks & Technologies:** React | Node.js | Express | ASP.NET | Convex
- **Development:** RESTful APIs | Authentication | Jest | TDD
- **Tools & Platforms:** Git | GitHub | AWS | MongoDB | MySQL | PostgreSQL
- **DevOps:** CI/CD Pipelines | GitHub Actions | Docker | Railway | Netlify

EXPERIENCE

JOVESEC, Remote   **August 2025 - October 2025**
Software Engineer (React, Node.js, JavaScript)

- Implemented real-time notification system using React Context API and useReducer pattern, establishing component communication across application architecture with proper provider scope management.
- Developed security validation functions with TDD methodology in Node.js, implementing email/URL validation and text sanitization with regex pattern matching to prevent XSS and SQL injection attacks.
- Built full-stack component architecture by analyzing React routing systems, tracing data flow between contexts/components/hooks, and implementing detection logic for database entry monitoring.
- Collaborated in Agile environment with weekly sprint planning and iterative feature development.

PROGRAMEARTH DEVSECOPS FELLOWSHIP, Remote   **May 2025 - July 2025**
DevSecOps Fellow (Node.js, Docker, GitHub Actions)

- Integrated Twilio SMS functionality into Node.js backend, implementing secure credential management and validation testing to enable real-time messaging capabilities.
- Implemented Docker containerization fixes addressing build pipeline issues and ensuring consistent development environment across team members.
- Collaborated through GitHub workflows including pull request reviews, issue tracking, and asynchronous team communication to deliver features meeting project requirements.

GENERAL ASSEMBLY, Remote   **October 2024 - January 2025**
Software Engineering Immersive Program (750+ hours) | React, ASP.NET, Express.js

[Application Tracker Platform](#)

- Built full-stack job application management platform using React frontend and [ASP.NET](#) core backend with complete CRUD functionality and session authentication.
- Implemented responsive design for cross-device compatibility and deployed with frontend on Netlify and backend on Railway.
- Developed RESTful API with server-side logic for comprehensive application data management and dynamic user experiences.

[Movie Recommendation App](#)

- Developed full-stack movie recommendation system integrating OMDB API with interactive watchlist functionality and data persistence.
- Architected complete backend using Express.js with MVC pattern, MongoDB data persistence, and RESTful API endpoints for movie data management and watchlist state tracking.

TRAINING & CERTIFICATIONS

- [Software Engineering Certification,](#) **General Assembly** (2024 - 2025)
- [Responsive Web Design Certification,](#) **freeCodeCamp** (October 2023)