Azad M

Full Stack Developer, 5+ years experience
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DevSecOps-Focused Full Stack Developer with 5+ years of experience building secure, scalable cloud-native applications. Specialized in AWS infrastructure hardening, CI/CD security integration, and FedRAMP/NIST 800-53 compliance. Skilled in Node.js, NestJS, React.js, and Terraform, with a strong focus on secure coding, infrastructure as code, and vulnerability management across FinTech, SaaS, and Blockchain domains.

INDUSTRIES: Education, Game

TECHNICAL SKILLS

• AWS	5 years & 3 months
• ReactJS	5 years
• Node js	5 years
• Github	5 years & 3 months
• JavaScript	5 years & 3 months

PROJECT DETAILS

• Occupational English Test Platform February-2020 - June-2024

Project Description: Developed a secure online testing platform with role-based access control and encrypted storage of sensitive exam results. Implemented automated backup and audit logging systems aligned with NIST 800-53 controls. Used AWS Lambda, API Gateway, and DynamoDB to ensure high availability and fault tolerance.

Responsibilities: Secure Application Development Developed a secure online testing platform with role-based access control to manage user privileges (e.g., candidates, examiners, admins). Implemented data encryption for storing sensitive exam results, ensuring data confidentiality and integrity. Cloud Architecture & Reliability Designed and deployed a serverless architecture using: AWS Lambda for compute API Gateway for routing DynamoDB for fast and scalable NoSQL storage Ensured high availability and fault tolerance through AWS best practices and resource configurations. Compliance & Logging Implemented automated backup systems to maintain data durability and support disaster recovery. Set up audit logging mechanisms to track user actions and system events, aligning with NIST 800-53 compliance controls. Assisted in mapping system behavior and data flow to FedRAMP/NIST audit requirements.

Technologies: Reactj, NodeJs, AWS

Industry: Education

• CoachesPick, June-2024 - July-2025

Project Description: Designed and implemented scalable RESTful microservices and frontend interfaces using Node.js, NestJS, React.js, and MongoDB. Delivered secure AWS-based architecture leveraging Lambda, S3, Cognito, and API Gateway to ensure secure authentication and data integrity. Integrated CI/CD pipelines with GitLab and incorporated static code scanning and container vulnerability scans. Contributed to creation of operational documentation and assisted in internal security audits to align with FedRAMP readiness.

Responsibilities: Full Stack Development Developed RESTful microservices using Node.js and NestJS for scalable backend architecture. Built dynamic frontend interfaces using React.js to ensure responsive and user-friendly UI. Managed data storage and retrieval through MongoDB with efficient schema design. Cloud Infrastructure & Security Architected and deployed secure cloud infrastructure on AWS: Lambda for serverless compute API Gateway for request handling S3 for storage Cognito for secure user authentication Ensured data security and integrity through secure access control and encrypted communication. CI/CD and DevSecOps Integration Implemented GitLab CI/CD pipelines for continuous integration and delivery. Integrated static code analysis tools (e.g., Snyk, Trivy) for early vulnerability detection. Automated container vulnerability scanning as part of the deployment pipeline. Compliance & Documentation Created operational documentation to support system deployment and maintenance. Supported internal security audits by preparing artifacts and aligning processes with FedRAMP readiness.

Technologies: Reactj, NodeJs, AWS

Industry: Game

EMPLOYMENT HISTORY

• Sr. Software Engineer February-2020 - July-2025

Description: DevSecOps & Security Responsibilities Applied AWS system hardening practices using STIG for secure EC2, S3, Lambda, and IAM configurations. Integrated security checks into CI/CD pipelines (GitLab), including: Vulnerability scanning (Snyk, Trivy) Misconfiguration detection (Terraform) Patch compliance automation Authored security documentation: SOPs, FedRAMP evidence, and runbooks Mapped controls to NIST 800-53 Conducted and supported: Code reviews for security flaws Configuration audits Penetration test preparation Led vulnerability remediation cycles across containers and dependencies. ☁ Cloud & Infrastructure Responsibilities Designed and deployed serverless architectures on AWS using Lambda, API Gateway, Cognito, and S3. Ensured secure and scalable deployment of applications in cloud-native environments. Used Terraform for infrastructure provisioning with a focus on secure IaC practices. Collaborated on IAM policy design, network configuration, and encryption best practices.

CERTIFICATION

• BE by RGTU 2016

EDUCATION

• Bachelors degree in engineering from RGTU 2016 - 2019

LANGUAGES

• English - advanced

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