

ATUL

Cloud (DevOps) & Cybersecurity Professional | Application Support | Former Java Full-Stack Developer

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SUMMARY

Currently pursuing studies in IIT Guwahati's Cybersecurity Micro-Credit Program, which results-driven IT professional has over 3.9 years of experience in full-stack development, cloud engineering, and application support. qualified in using secure coding techniques, performing log analysis, and securing cloud environments. With hands-on understanding of AWS, Java and contemporary security tools, they are adept at bridging the gap between development, operations, and security. looking to use technical know-how in cloud, SOC, or application security roles.

SKILLS

- Cloud Platform – AWS (Lambda, ECS, EKS, DynamoDB, S3, CloudFront, VPC, Route 53, Glue), Docker, Kubernetes, Terraform, CloudFormation, CI/CD Pipelines (CodePipeline, CodeBuild, CodeDeploy), IAM, CloudTrail, CloudWatch, ELK Stack, Grafana
- Security and Monitoring – IAM, Trivy, Wireshark, Wazuh (basics), OWASP Top 10, ISO 27001 (pursuing), Metasploit, MITRE ATT&CK (basics), Security Monitoring, Incident Handling, SIEM (basic), Vulnerability Assessment, API Security Testing, SOC, HIPAA framework, GDPR
- Programming – Python, Java, SQL, Node.js, HTML, CSS, JavaScript, React.js (basic)
- Databases – MySQL, RDS, Redshift, Snowflake, DynamoDB
- Tools – Postman, BrowserStack, Power BI, Git, Toad, SQL Developer

EXPERIENCE

IRCTC

Application Support Engineer (Company: Ace Infotexis Pvt. Ltd.)

Feb 2025 – Present

- Provided L1 support to Java based mission critical booking systems, achieving 80%+ service availability, minimizing downtime affecting thousands of users daily
- Conducted cross platform testing (Web, Android, iOS), database validation resulting in prevention of production defects and accurate booking as well as payment processing.
- Handled API integration and security testing, minimizing the risk of data leakage between payment systems and booking system while making sure there is secure communication through APIs.
- Investigated logs, identified root causes, and escalated incidents (reduced issue resolution time and improved system reliability)
- Built booking and cancellation with refunds validation using SQL to double check financials of bookings and prevent errors.
- Took lead in UI design process for the TREK project; creating fully functional HTML/CSS/JavaScript UI prototypes to aid communication with stakeholders and speed up development cycles.
- Worked with developers to close security holes and make apps safer.
- Oversaw payment gateway activity to ensure successful transaction completions and immediate identification of failed or suspicious transactions.
- Supported important tourism projects like the Lakshadweep Ship Booking Portal, Ferry, Hotel, Tour Packages, Bus, Heliyatra, and Trek to help busy government booking sites run smoothly.

Cognizant Technology Solutions

Programmer Analyst

Aug 2022 – Oct 2024

- Used IAM, VPC, and KMS to design and improve AWS apps, which made the cloud safer and kept private company data safe
- Used SNS, SQS, and Lambda to make serverless apps, which made them easier to manage and more scalable
- Built CI/CD pipelines that cut down on the number of mistakes people make when releasing new versions and speed up the time it takes to deploy them.

- Managed Docker containers and Kubernetes clusters, which made it possible to deploy apps that were more scalable, reliable, and consistent.
- Java and Node.js backend services and APIs were developed to facilitate smooth enterprise system integration.
- Using CloudWatch, ELK, and Grafana, I proactively identified security and performance issues in applications before they affected users.

Cognizant Technology Solutions

Programmer Analyst Trainee

Jan 2022 – Aug 2022

- Developed applications using React.js, Java, Spring Boot, and AWS to successfully deliver enterprise-grade applications.
- By using secure coding and deployment techniques, security risks in application releases were decreased.
- Managed database administration and validation, I ensured data accuracy and application dependability.

EDUCATION

- **Cyber Security – Distance Learning (in association with Acciojob)**

IIT Guwahati | Feb 2025 – Present

Skills: Trivy, Wireshark, Wazuh (basics), OWASP Top 10, ISO 27001 (pursuing), Metasploit, MITRE ATT&CK (basics), Security Monitoring, Incident Handling, SIEM (basic), Vulnerability Assessment, API Security Testing, SOC, HIPAA framework, GDPR, IAM

- **B.Tech – Computer Science & Engineering (Cloud Computing & Mobile Applications – Specialization with IBM)**

SRM University, Delhi-NCR | 2018 – 2022 | CGPA: 7.7/10

Skills: Java, C, Python, Html, CSS, JS, IBM Cloud, AWS, Mobile Application Development, Docker, Kubernetes, Blockchain, Artificial Intelligence, IAM

PROJECTS

- Serverless Web App on AWS: Using Lambda, API Gateway, S3, DynamoDB, CloudFront, and IAM, a scalable serverless application was created, resulting in a 40% cost reduction.
- Amazon Redshift designed a secure data warehousing solution with S3 and VPC for customer data ingestion and extraction, resulting in five times faster query performance.
- Using Amazon QuickSight for Sales Data Analysis, interactive dashboards were produced to support data-driven decision-making.
- Monitoring Novel Coronavirus (IEEE Research): A 94% accurate COVID-19 case prediction was made in a published IEEE Xplore paper.

CERTIFICATIONS

- ISO/IEC 27001:2022 Lead Implementer (Dec 2025 – Expected June 2026)
- AWS Certified Solutions Architect – Associate
- Cybersecurity IT Fundamentals Specialization
- OWASP Top 10
- Microsoft Certified: Azure Fundamentals
- Bash Scripting and Shell Programming
- PL/SQL by Example – Beginner to Advanced
- The Complete jQuery Course
- GitHub Copilot (Python & General)
- AI Tools Workshop - Be10X