

SHREYAS KOTHARI

Awarded with Excellence in **AWS Solution Architect & AWS Developers Associate Certifications**

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SUMMARY

Proactive 2xAWS certified Software Engineer with 3+ years of experience in building web apps and scalable backend services. Passionate about GenAI & proficient in **Java, React, REST APIs** and AWS with strong DevOps exposure using Docker, Terraform, k8s and Ansible

EDUCATION

<u>Northeastern University</u> , Boston, MA	Jan 2024 - Expected Dec 2025
Master of Science: Information Systems, GPA: 3.9	
<u>Relevant Courses:</u> Web Development, Cloud Computing, UI/UX, Design Patterns, Data Structures & Algorithms	
<u>Ramdeobaba College of Engineering</u> , Nagpur, India	
Bachelor of Engineering: Computer Science and Engineering, GPA: 3.6	
Aug 2016 - May 2020	

WORK EXPERIENCE

Ribbon Communications , Boston DevOps Engineer Intern	May 2025 - Dec 2025
<ul style="list-style-type: none">Automated deployment of multi-pod PSX clusters on Kubernetes using Helm Charts with pre/post lifecycle hooks, enabling seamless scalability and reducing release cycles by 70% while minimizing human error by 90%Engineered Ansible-based automated validation framework to monitor Kubernetes pod health, connectivity, resource utilization and application reliability within containerized microservices, to achieve 99.9% system uptime and reduce rollback incidents by 50%	
Accenture , Bangalore, India Senior Software Engineer	Dec 2022 - Dec 2023
<ul style="list-style-type: none">Pioneered the integration of Stardog Knowledge Graph POC into distributed Spring Boot service by architecting virtual graph abstraction layer that dynamically mapped 200+ relational SQL queries to SPARQL endpoints, enhancing data visualizationModernized system observability using Prometheus and Grafana, reducing MTTR from 4hrs to 30min by setting up alerts & dashboardsArchitected scalable REST APIs in Spring Boot and deployed on AWS EC2, optimized to handle 50K+ daily requests by integrating Redis cache, Resilience4j circuit breakers, and async processing using thread pools cutting response latency by 40%Designed the architecture of scalable microservices using Spring Cloud, Docker, and AWS EKS with integrated service discovery, distributed tracing, and capable of handling 100K+ concurrent requests using AWS ALB, ASGAutomated test-driven delivery(TDD) workflows using JUnit and Mockito, within CI/CD pipelines powered by GitHub Actions to trigger customized Packer AMIs, AWS CodeBuild, and Terraform enabling blue-green deployments with 25% faster release cycles	
Accenture , Bangalore, India Associate Software Engineer	Dec 2020 - Nov 2022

Accenture , Bangalore, India Associate Software Engineer	Dec 2020 - Nov 2022
<ul style="list-style-type: none">Led the migration of React.js state management from Recoil to Redux Toolkit and built reusable components for access control and dashboard widgets, reducing bundle size by 20% and improving render efficiency across high-traffic viewsScheduled multi-user access providing service using real-time event processing pipeline with Apache Kafka, Zookeeper and AWS Lambda, batch processing access requests into Active Directory, reducing application latency by 35%Optimized PostgreSQL performance using pgBadger, query optimizing reducing execution time from 2s to 200ms, leading to 35% boost	
ACADEMIC PROJECTS	

Cloud Native Microservice based AWS Automation AWS, Terraform, Bash, PowerShell GitHub Link	Sept 2024 - Dec 2024
<ul style="list-style-type: none">Architected a scalable, cloud-native user onboarding system with autonomous registration and identity verification workflowsProvisioned AWS infrastructure using Terraform (IaC) to deploy VPC, S3, RDS, SNS reducing manual setup time by 80%	

Task Master Pro Java(Spring Boot), ReactJS(JavaScript, TypeScript), AWS Lambda GitHub Link	May 2024 - June 2024
<ul style="list-style-type: none">Published Task Management System using Spring Boot with microservices architecture for back-end and Reactjs + MUI for front-endSecured APIs with JWT authentication, integrated Redis for caching, Kafka for event streaming & AWS S3 for distributed file storageEmbedded GenAI module using OpenAI API to suggest subtasks context-aware resources reducing planning and research time by 50%	

Share Bite React.js, Node.js, JavaScript, MongoDB, MUI, Express.js GitHub Link Website Link	Mar 2024 - April 2024
<ul style="list-style-type: none">Launched a full-stack surplus food distribution web application facilitating event posting, blog sharing, and geolocation-based trackingImplemented Node.js based back-end with Express.js, MongoDB and responsive UI using ReactJS & Redux for user state management	

SKILLS

Technologies :	Ansible, Helm Chart, Java, Spring Boot, ReactJS, JavaScript, Node.js, C#, Python, SQL, Shell, ASP.Net Core
Databases :	PostgreSQL, Firebase, MongoDB, NoSQL, SPARQL, AWS (S3, RDS)
Cloud and Tools :	Azure, AWS, Terraform, Docker, Kafka, LangChain, Stardog, Packer, GitHub, Visual Studio
Miscellaneous :	Agile, Scrum, JIRA, RESTful APIs, Problem-solving, Linux, Windows, Data Structure, OOP