Asmita Manish Sakhare

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Education

VIT Bhopal University , B. Tech in CSE (Cloud Computing and Automation)   2022 - 2026
- Cumulative GPA: 8.97

Projects

CI/CD Pipeline with AWS(May, 2025 - June, 2025)   GitHub Link
- Designed and deployed a CI/CD pipeline using AWS CodePipeline, CodeBuild, and CodeDeploy to automate Java web app deployments, reducing manual steps
- Provisioned scalable infrastructure using AWS CloudFormation, cutting environment setup time from hours to under 10 minutes
- Integrated AWS CodeArtifact with CodeBuild and configured IAM roles to securely manage dependencies, improving build success rate

ShopEZ: E-Commerce Application(April, 2025)   GitHub Link
- Built a full-stack e-commerce web application (ShopEZ) using the MERN stack, featuring secure authentication, product management, and order tracking
- Implemented dynamic product search, category filters, and personalized suggestions using React.js and MongoDB queries, increasing product findability
- Collaborated in a team to design and integrate responsive UI components with React, Tailwind CSS, and Express.js REST APIs

Technologies

General skills: C++, JavaScript, Version Control (Git & GitHub), MySQL, Data Structures and Algorithms, Operating Systems, Networking, Critical Thinking, Problem Solving

AWS Services and DevOps Tools: EC2, S3, RDS, EFS, DynamoDB, RedShift, ELB, CloudWatch, CodePipeline, CodeBuild, CodeDeploy, IAM, CloudFormation, CodeArtifact

Web Development: HTML, CSS, MERN Stack (MongoDB, Express.js, React.js, Node.js), React, RESTful API

Certifications

- **MongoDB Associate Database Administrator (FacePrep)**
- **Full Stack Developer MERN (SmartBridge)**
- **An Introduction to Artificial Intelligence (NPTEL-SWAYAM)**
- **IBM Machine Learning in Python (Coursera)**

Additional

Languages: English(fluent), Hindi(native), Marathi(native), German(A1 level)

Achievements: Gold medalist in chess, 160+ problems solved on LeetCode and 100+ solved on GeeksForGeeks

Hobbies: Reading literary fiction, listening to educational and historical podcasts, watching documentaries