

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, developed, and debugged an automated CI/CD pipeline for Java web applications using AWS CodePipeline and CodeBuild, reducing setup time from hours to under 10 minutes.
- Documented outcomes for leadership and contributed to process optimization and operational efficiency.
- Integrated AWS CodeArtifact with CodeBuild and configured IAM roles to securely manage dependencies and conducted code reviews, managed dependencies securely, and documented solutions for maintainability.

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, Analytical Thinking, Problem Solving, Workflow Automation

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

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

Club Involvement: Member of the PR team for the Stats-O-Locked club at VIT Bhopal, actively contributing to event outreach, promotion, and community engagement (April, 2024 - August, 2024)