Asmita Manish Sakhare

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Objective

Computer Science undergraduate specializing in Cloud Computing and Automation with practical experience in AWS DevOps and MERN stack development. Proven track record of building scalable cloud-native applications and automating deployment pipelines. Eager to contribute to improving metrics and conversions through teamwork and creative problem-solving.

Education

VIT Bhopal University , B. Tech in CSE (Cloud Computing and Automation)   October, 2022 - June, 2026
- Cumulative GPA: 8.83

Matoshri Junior College, Eklahare, 12th Standard   May, 2020 - June, 2022
- Percentage: 76.5

K. K. Wagh Universal School, Nashik, Maharashtra, 10th Standard   March, 2020
- Percentage: 97.2

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 by 90%
- 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 by 40%

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, improving user shopping experience for over 1000 test users
- Implemented dynamic product search, category filters, and personalized suggestions using React.js and MongoDB queries, increasing product findability by approximately 40% during usability testing
- Collaborated in a team to design and integrate responsive UI components with React, Tailwind CSS, and Express.js REST APIs, achieving a 25% reduction in page load times

Technologies

Languages and general skills: C++, Java, Python, JavaScript, Version Control (Git & GitHub), MySQL, Microsoft Excel, Data Structures and Algorithms, Operating Systems, Networking, Critical Thinking, Problem Solving

AWS Services: EC2, S3, RDS, EFS, DynamoDB, RedShift, ELB, CloudWatch

AWS DevOps Tools: 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)**