

Chandrika Bondhu

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DevOps Engineer with 2 years of experience in cloud infrastructure, automation, and CI/CD. Proficient in using AWS services

- DevOps Engineer with 2 years of experience in cloud infrastructure, automation, and CI/CD. Proficient in using AWS services (EC2, S3), Jenkins, Docker, and Terraform for designing, implementing, and managing scalable, secure infrastructure. Skilled in end-to-end automation, infrastructure as code, and system monitoring, with a strong commitment to optimizing development workflows and enhancing deployment efficiency.
- **Key Skills:** DevOps Engineering, AWS, Jenkins, Docker, Terraform, CI/CD Pipelines, Infrastructure as Code (IaC), System Monitoring, Troubleshooting, Automation

PROFESSIONAL EXPERIENCE

Vistaltech

Jan 2024 – May 2024 | Buffalo Grove, IL

Cloud Engineer Intern (AWS, EC2, S3)

- Designed and installed AWS architecture with services such as EC2, S3, and RDS to improve cloud resource scalability.
- Automated infrastructure provisioning and management using Terraform and Ansible.
- Monitored system performance via AWS CloudWatch, finding and resolving infrastructure issues in a production environment.

TransLab Technologies Private Limited

Jun 2021 - Aug 2022 | Bangalore, India

DevOps Engineer Intern

- Developed and managed AWS cloud infrastructure, automating server provisioning and deployments with tools such as Jenkins, Docker, and Git to increase release efficiency and streamline workflows.
- Implemented CI/CD pipelines with Jenkins, Docker, and Git, automating build and deployment processes to improve release efficiency.
- Deployed and managed cloud applications on AWS EC2, ensuring secure and scalable configurations.
- Collaborated with QA teams to troubleshoot issues in deployment using JIRA.
- Set up and configure networking protocols (DNS, HTTP/HTTPS) to ensure safe access and dependable service, while also aligning infrastructure with scalability best practices.

PROJECTS

Credit Card Fraud Detection | Python, Node.js, TensorFlow, SQL

- Created a machine learning model to detect and prevent fraudulent credit card transactions. I used Python and TensorFlow to analyze transaction patterns and discover abnormalities, which improved security by properly detecting possible fraud situations. This approach reduces financial losses while increasing user protection.

Tasty Food Website | CSS3, HTML5, JavaScript

- Built a dynamic restaurant website featuring a visually appealing homepage, menu with prices, reservation form, and contact page with a map. Used JavaScript for interactive elements like form validation and image sliders. Designed with a responsive layout to ensure optimal user experience across devices. Implemented HTML5 for structure, CSS3 for styling, and JavaScript for dynamic content updates.

TECHNICAL SKILLS

Programming and Frameworks: Python, HTML, CSS, JavaScript

CI/CD & Cloud: AWS, Jenkins, AWS Code Pipeline, Docker, Kubernetes

Databases: MySQL

Software and Other Tools: Git, SVN, Maven, Apache Tomcat, Jira, GitHub, MS PowerPoint, MS Excel

EDUCATION

Master's in computer science

Aug 2022 - May 2024

Rivier University, Nahusa, NH

Related coursework: OOD, OS, Machine Learning (ML), Multimedia & Web Development, DBMS, Python.

B. Tech in Computer Science – Artificial Intelligence

Aug 2018 – Jun 2022

Jain Deemed to be university, Bangalore, India

Related coursework: DBMS, DS, Java programming, Big Data Management, Python, NLP, AI.

Certifications: Achieved 'Operating Systems, Data Analytics Essentials' certification from CISCO.

- Achieved 'Python for Data Science' certification from IBM.
- Achieved 'python 101 for Data Science certification' from Cognitive Class.