

# 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.