

OM PRAKASH MOHANTA

☎ +91 7684033030 | ✉ pikunmohanta50@gmail.com | 🌐 PikunMohanta | 🌐 om-prakash-mohanta

EXPERIENCE

GoDigit Life Insurance

Jun 2024 – Present

Graduate Trainee Engineer — Cloud Team

Pune, India

- Designed, built, and maintained scalable cloud infrastructure on AWS (EC2, S3, VPC, EKS) to support microservices-based applications, ensuring high availability and seamless integration.
- Managed deployments across Kubernetes clusters (UAT, Pre-prod, Prod) using Helm and CI/CD pipelines, optimizing YAML configurations to reduce pod failures by 95%.
- Developed and maintained CI/CD pipelines using Jenkins and Bitbucket to automate build, test, and deployment processes, reducing manual intervention by over 80% for 20+ applications.
- Configured AWS Control Tower with enforced MFA and Service Control Policies (SCPs) to achieve 100% compliance and centralized governance across 15+ multi-account environments.
- Decommissioned 150+ unused AWS resources using Python Boto3 automation, reducing monthly cloud expenses by 20% (\$5,000/month) and achieving estimated annual savings over \$60,000.
- Managed Bitbucket repositories and configured end-to-end Jira workflows for 3 teams, increasing Agile efficiency by 30% and ensuring timely sprint delivery.

PROJECTS

Smart Expense Categorizer

Personal Project

- Developing a production-ready expense categorization system in Python processing 10,000+ transaction records with a TF-IDF + Random Forest pipeline, achieving 87% accuracy.
- Deployed a FastAPI integration with saved model artifacts and containerized the system using Docker, reducing inference time by 40% for a scalable microservices architecture.

News Authenticator

Aug 2023 – Dec 2023

- Architected a fake news detection system achieving 95% accuracy using a Passive Aggressive Classifier and TF-IDF on a dataset of 100,000+ articles.
- Deployed a Flask-based web application with a real-time inference pipeline handling 200+ concurrent users, implementing caching to reduce response time by 45%.

TECHNICAL SKILLS

Cloud & Containerization: AWS (EC2, S3, EKS, IAM, VPC), Docker, Kubernetes, Helm

Infrastructure as Code (IaC) & Automation: Terraform, Jenkins, CI/CD Pipelines, Python (Boto3), Shell Scripting, Git, GitHub Actions

ML & Data Tooling: ML Model Lifecycle, Scikit-learn, Pandas, NumPy

Collaboration & Networking: Jira, Confluence, Bitbucket, F5 Load Balancers, VPC, Subnets

EDUCATION

C. V. Raman Global University

2020 – 2024

B.Tech, Data Science — CGPA: 8.53

Bhubaneswar, India

Tsg Gurukul

2018 – 2020

Class XII (CBSE) — 72%

Bhubaneswar, India

ACCOMPLISHMENTS

Published a peer-reviewed research paper in **IEEE Xplore**: "Fake News Detection Using PAC & Neural Network: A Hybrid Approach," demonstrating 95% accuracy using advanced NLP techniques.