

Om Prakash Mohanta

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PROFESSIONAL SUMMARY

Innovative Computer Science graduate specialising in Data Science with hands-on experience in AWS cloud operations. Demonstrated expertise in automation, cost optimisation, and machine learning, with a track record of reducing operational costs and developing advanced predictive models.

WORK EXPERIENCE

GoDigit Life Insurance

Pune, Maharashtra

Graduate Trainee Engineer - Cloud Team

Jun 2024 - Present

- Automated AWS infrastructure tasks using Lambda, CloudFormation, and Bash scripts, reducing manual effort by 40% and improving deployment speed.
- Built and maintained CI/CD pipelines with Bitbucket, enabling faster and more reliable application deployments across environments.
- Reduced cloud operational costs by \$5000/month through cost optimisation techniques using AWS Trusted Advisor and Cost Explorer.
- Strengthened cloud security by implementing MFA, OTP-based authentication, and managing access through IAM roles and policies.

EDUCATION

CV Raman Global University

Bhubaneswar

B.Tech Computer Science (Data Science) | 8.53

Graduation Date: May 2024

Tsg Gurukul

Bhubaneswar

XII (CBSE) | 72%

Graduation Date: Mar 2020

PROJECT EXPERIENCE

Project 1

Bhubaneswar

News Authenticator

Aug 2023 - Dec 2023

- Designed and implemented a distributed news authentication system to detect fake news with 95% accuracy
- Implemented Passive Aggressive Classifier and TF-IDF Vectorizer for advanced content verification
- Collaborated with a four-member team to collect and annotate datasets, ensuring model reliability

Project 2

Bhubaneswar

House Price Forecaster

Feb 2023 - Apr 2023

- Enhanced housing price prediction accuracy by 5% using advanced regression techniques
- Managed a comprehensive dataset of 79 variables, performing rigorous data cleansing and imputation
- Applied ensemble methods including random forest and boosted trees with cross-validation

SKILLS

Cloud Technologies: AWS Trusted Advisor, Access Management, Cost Optimization

Programming & Data Science: Java, Python, Flask, SQL, Machine Learning, Scikit-learn, NLP, TF-IDF, Linear Regression

Tools: Bitbucket, Jira, Git

ACCOMPLISHMENT

Research Publication:

- Published research in IEEE Xplore on Fake News Detection, achieving a 95% accuracy rate. Contributed to NLP advancements by implementing the Passive Aggressive Classifier and TF-IDF Vectorizer.
- Enhanced housing price predictions by 5% using ensemble techniques and advanced cross-validation.