

ADITHYAN K

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Professional Summary

Results-oriented BCA student specializing in Artificial Intelligence, Cloud Computing, and DevOps with hands-on experience in Python, Machine Learning, NLP, data analysis, and web development. Proficient in CI/CD concepts, cloud infrastructure fundamentals, automation basics, and data visualization. Demonstrated ability to build scalable applications, develop ML models, and analyze real-world datasets. Seeking Internship / Fresher roles in DevOps, Cloud, or AI/ML environments.

Technical Skills

Programming: Python, JavaScript, HTML5, CSS3

Data & AI: Machine Learning (ML), Natural Language Processing (NLP), Artificial Intelligence (AI), EDA, CDA, Data Visualization

Libraries: Pandas, NumPy, Matplotlib

Cloud & DevOps: Cloud Computing Fundamentals, DevOps Principles, CI/CD Pipelines, Infrastructure Basics

Tools: Git (Version Control), Linux Fundamentals, Responsive Web Design

Soft Skills: Problem Solving, Team Collaboration, Communication, Leadership, Analytical Thinking

Technical Projects

Smart Water Quality Monitoring System – Lead Developer

- Designed and developed a real-time system to monitor critical water parameters.
- Improved data accuracy through automated data collection and reporting.
- Applied analytical techniques to support scalability and decision-making.

Fake News Detection using Machine Learning – ML Developer

- Built an ML model using Python and NLP to classify fake and real news.
- Performed data preprocessing, feature extraction, and model training.
- Evaluated model performance using standard ML metrics.

Exploratory vs Confirmatory Data Analysis – Data Analyst

- Conducted end-to-end data analysis using Pandas and Matplotlib.
- Cleaned, transformed, and visualized datasets to identify trends.
- Delivered actionable insights through structured visualizations.

Multi-Page Responsive Website – Frontend Developer

- Developed a responsive website using HTML, CSS, and JavaScript.
- Ensured cross-browser and cross-device compatibility.
- Enhanced UX through clean layouts and optimized design.

Education

Bachelor of Computer Application (BCA)

Yenepoya University, Bengaluru

2023 – 2026 (Expected)

Specialization: Artificial Intelligence, Cloud Computing, and DevOps

Academic Performance: First Class (70.10%)

Relevant Coursework: Programming Fundamentals, Machine Learning, Cloud Infrastructure, CI/CD Pipelines

Higher Secondary Education

JNM Government Higher Secondary School

2021 – 2023

Certifications & Achievements

- Certified in Python for Data Science and Machine Learning
- Implemented advanced data visualization using Pandas and Matplotlib
- Academic project recognition for innovative problem-solving