Lokesh Gavara

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EDUCATION

Centurion University of Technology and Management — Vizanagaram, Andhra Pradesh
Bachelor of Engineering in Computer Science - GPA : 9.0 — Sep 2022 – May 2026

EXPERIENCE

Python Developer Intern — May 2025 – Present
Infosys Springboard — *Remote*
- Acquired practical knowledge in Python fundamentals including data structures, OOP, exception handling, and file operations.
- Applied Python to automate workflows, manage datasets, and integrate basic APIs.
- Enhanced efficiency in coding and problem-solving through assignments, challenges, and mentorship sessions.

Artificial Intelligence and Machine Learning Intern — June 2025 – Present
Infosys Springboard — *Remote*
- Executed end-to-end workflows involving data pre-processing, model development, training, and performance evaluation.
- Designed and optimized machine learning algorithms for tasks such as classification, prediction, and clustering using Python, TensorFlow, and Scikit-learn.
- Cultivated expertise in neural networks and deep learning fundamentals.
- Collaborated with peers on project-based initiatives, improving analytical reasoning and teamwork effectiveness.

PROJECTS

BizBoost – Automated Social Media Promotion Tool | *Full-Stack Project* — June 2025 – Present
- Designing and developing a full-stack web application for automating social media promotions using Node.js, Express, MongoDB, React, and JWT authentication.
- Implementing features such as automated content generation, scheduling, and a posts analytics dashboard to improve engagement.

AI-Driven Crop Disease Prediction Model | *Deep Learning* — Dec 2024 – Mar 2025
- Developed a deep learning model using Convolutional Neural Networks (CNNs) with TensorFlow to classify and predict crop diseases from leaf images.
- Improved early disease detection accuracy, supporting farmers in making data-driven decisions.

OCR System for Real-Time Text Extraction | *Machine Learning* — July 2024 – Oct 2024
- Built an Optical Character Recognition (OCR) system using Python and Tesseract to extract text from images.
- Enhanced text recognition efficiency with preprocessing techniques such as noise removal and image binarization.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS, PHP, Kotlin
Frameworks: React, Node.js, Express.js, Flask, pandas, NumPy, Matplotlib, TensorFlow, PyTorch, Scikit-learn
Developer Tools: Git, GitHub, Google Cloud Platform, Visual Studio, Jupyter, Eclipse, Power BI, Tableau
Databases: AWS, Firebase, MongoDB, MySQL, Oracle, Microsoft SQL Server
Soft Skills: Communication, Teamwork, Problem-Solving, Adaptability, Analytical Thinking, Time Management

CERTIFICATIONS

- AWS Certified Cloud Practitioner — AWS (Jan 2025)
- Certificate of Excellence – Engineering June Series Daily Quiz — Unstop (Jun 2025)
- Data Analytics Job Simulation Program — Deloitte (Jun 2025)
- Data Science with AI/ML using Python (Gold) — NASSCOM (Aug 2025)
- Professional Machine Learning Engineer (Guide Followed) — Google (Jul 2025)
- Python and Artificial Intelligence & Machine Learning — Infosys Springboard (Jun 2025)