

# ADHITHYAN K P

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## ABOUT

Analytical and results-driven BCA Graduate specializing in Big Data Analytics, Cybersecurity, and Cloud Computing. Skilled in developing AI-driven solutions and optimizing system efficiency through automation and data insights. Passionate about leveraging technology to enhance digital security, streamline workflows, and deliver impactful IT solutions.

## EXPERTISE

Python Programming	MS Office Suite	Machine Learning
Cloud Computing	Data Analytics	Web Design
MySQL	PowerBi	Cybersecurity
IoT Embedded Systems	Artificial Intelligence	AI Prompt Engineering

## PROFESSIONAL EXPERIENCE

### Jeebly L.L.C

Nov 2025 - Present

#### Special Projects Intern

- Managed end-to-end operations of the Ideas & Innovation Centre, including idea intake, tracking, digitization, and centralized documentation.
- Built dashboards and reports to monitor idea status, metrics, and implementation progress for leadership reviews.
- Partnered with HR and Marketing to boost engagement through campaigns, creatives, and support in idea shortlisting and success-story documentation.

### Students Factory

Aug 2025 - Nov 2025

#### Graphic Designer Intern

- Designed and delivered 30+ marketing materials and digital creatives to drive brand promotion and social media engagement.
- Maintained 100% design consistency across platforms by developing standardized typography, color schemes, and layout systems.
- Collaborated with senior designers to execute client projects efficiently and meet deadlines using Canva.

### MPS Limited

#### AI/ML Intern

Feb 2025 - Apr 2025

- Improved AI model performance by 20% through data preprocessing, labeling, and annotation.
- Fine-tuned ResNet-50 and BLIP models to enhance content classification and accessibility.
- Optimized AI prompts and document-processing pipelines, reducing manual effort by 30%.

- Understanding basic concepts like confidentiality, integrity, and availability, as well as different types of threats and attacks.
  - Hands-on experience with security tools such as firewalls, intrusion detection/prevention systems, antivirus software, and vulnerability scanners.
  - Gaining hands-on experience with ethical hacking techniques, penetration testing methodologies, and vulnerability assessment tools to identify and remediate security weaknesses.
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## **PROJECTS**

### **MPS Limited**

**2025**

#### **Automatic Alt-Text Generation using Multimodal Deep Learning**

Tools: TensorFlow, Keras, Python, OpenCV, Hugging Face Transformers

- Built and fine-tuned a BLIP-based vision–language model to generate concise, context-aware alt text for images, improving accessibility compliance.
- Implemented custom Keras Lambda layers and resolved model serialization/deserialization challenges.
- Contributed to AI-driven content extraction pipelines for document classification and metadata generation.

### **Global Indian School**

**2022**

#### **Salesman Management System**

Tools: Python, Pandas, CSV.

- Developed a menu-driven CLI application to manage salesman records with full CRUD functionality.
  - Used Pandas to store, read, and update salesman data in CSV files, ensuring efficient data handling and integrity.
  - Implemented search by ID or name and enforced unique Salesman IDs to prevent duplicate entries.
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## **EDUCATION**

**Yenepoya University , Mangalore**  
Bachelor of Computer Applications  
Big Data Analytics, Cloud Computing  
2022-2025 GPA- 3/4

**Higher Secondary- CBSE**  
Specialization- Commerce with IP  
Global Indian School, Ajman, UAE  
2020-2022

## **ADDITIONAL COURSES**

### **AWS Cloud Technical Essentials**

AWS (Coursera) [🔗](#)

### **Python Programming**

University of Pennsylvania (Coursera) [🔗](#)

### **AI For Everyone**

DeepLearning.AI (Coursera) [🔗](#)

### **Machine Learning for All**

University of London (Coursera) [🔗](#)

### **Introduction to Data Analysis**

Meta (Coursera) [🔗](#)