

Bapuray K Patil

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SUMMARY

Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning. Experience in academic AI and ML projects and a Microsoft Azure AI internship. Hands-on exposure to data preprocessing, statistical analysis, and machine learning models.

SKILLS

- **Programming Languages:** Java, Python
- **Tools & Platforms:** VS Code, Jupyter Notebook, Streamlit, TensorFlow, PyTorch, Scikit-learn
- **Core Competencies:** Machine Learning, Deep Learning, Data Analysis, CNN Models, Model Evaluation, NLP Basics
- **Soft Skills:** Communication, Analytical Thinking, Time Management

INTERNSHIP EXPERIENCE

Azure AI Intern – Microsoft (Virtual)

June 2025 – July 2025

- Completed a four-week Azure AI internship conducted by Microsoft, Edunet Foundation, and AICTE.
- Studied AI fundamentals, Generative AI, Computer Vision, and cloud-based ML systems.
- Built an understanding of scalable and real-world AI solutions.

PROJECTS

Deepfake Detection System | Python, TensorFlow, PyTorch

- Built a CNN-based deep learning model to classify real and deepfake video frames.
- Extracted spatial and temporal features to improve model robustness.
- Achieved **85%** accuracy on benchmark datasets.

UPSC Answer Evaluation System (Ongoing) | Python, NLP, Machine Learning

- Studied AI and NLP techniques for evaluating UPSC Mains written answers.
- Applied text preprocessing methods including tokenization, stop-word removal, and keyword extraction.
- Analyzed answer relevance, content coverage, and structure using basic ML concepts.

Multiple Disease Prediction & Statistical Analysis Application | Python, Streamlit, Scikit-learn, Pandas

- Implemented a Streamlit-based ML application to predict diabetes and heart disease using Logistic Regression.
- Performed feature correlation, regression evaluation, and hypothesis testing.
- Achieved **80%** prediction accuracy using ROC curves and confusion matrices.

EDUCATION

Presidency University

B.Tech in Computer Science and Engineering (AI & ML)

Bangalore

2022 – 2026 — CGPA: 7.61 / 10

Tungal Independent PU Science College

Pre-University Course (Science)

Vijayapura

2020 – 2022 — 77.5%

Grameena Abivrudi Vidya Vardhaksamithi High School

Secondary School Certificate (SSLC)

Almel

2019 – 2020 — 90.88%

AWARDS & CERTIFICATIONS

- **AWS APAC Solutions Architecture — Forage:** Learned cloud architecture principles and system design fundamentals.
- **Career Essentials in Generative AI — Microsoft & LinkedIn:** Studied generative AI models and large language model concepts.
- **Tata Cybersecurity Analyst Simulation — Forage:** Practiced threat detection and incident response.
- **Java for Problem Solving & DSA — CodeChef:** Strengthened Java programming and algorithmic problem-solving skills.
- **Data Mining — Great Learning:** Studied clustering, classification, and predictive modeling.
- **Data Visualization — Infosys Springboard:** Built analytical dashboards and visual reports.