

Aakaash M S

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Education

Amrita Vishwa Vidyapeetham, Coimbatore

September 2022 – July 2026

Bachelor of Technology in Computer Science and Engineering

GPA: 8.16/10

Notre Dame Of Holy Cross, Salem

July 2022

Higher Secondary - Computer Science

Percentage: 94.8%

Experience

Associate Software Intern, NutMej Software Solutions– Hosur, Tamil Nadu

January 2025 – April 2025

- Successfully managed the deployment of cloud-based applications using **AWS services** such as **Amazon EC2** and **Amazon S3**, ensuring optimal performance, scalability, and cost efficiency.
- Developed a **website** for a client using **React, NodeJS, PostgreSQL**.
- Maintained and updated repositories on **GitHub**, implementing best practices for **version control** and **collaborating** with team members to ensure seamless **code integration**.

Projects

Voice-Activated Electronic Health Record Documentation | Flutter, Firebase | [\[GitHub\]](#)

- Developed a voice-based system to **transcribe** patient-physician interactions and generate structured clinical reports
- Optimized physician workflow by **reducing documentation time by 30%**, enabling **increased focus on patient care** and **improving healthcare** facility efficiency

Fake News Detection Model | Python, BERT(Hugging Face), PyTorch | [\[GitHub\]](#)

- Developed a fake news detection system leveraging **BERT's transformer architecture** for enhanced **context understanding**, achieving **90%+ accuracy** in distinguishing real and fake news.
- Engineered a comprehensive **NLP pipeline**, including **text preprocessing, tokenization, and fine-tuning**, ensuring **optimal** model performance and scalability.

Lung Cancer Detection using CNN | Python, Pandas, Tensorflow | [\[GitHub\]](#)

- Developed and implemented a **deep learning-based** lung cancer detection model using **Convolutional Neural Networks (CNN)** to classify malignant and benign lung nodules.
- **Optimized** model performance through **hyperparameter tuning** and **data augmentation** techniques, achieving **95%+ accuracy**.

Skills

Languages: C, C++, Python, Java, HTML5, CSS3, JavaScript, Dart, Go, Haskell

Frameworks: React, NodeJS, ExpressJS, Flutter, Tensorflow, Keras

Database: MySQL, PostgreSQL, MongoDB

Tools: Git, GitHub, Linux, AWS Console, GCP Console, Docker, Kubernetes, Jupyter Notebook, Firebase

Coursework [\[LinkedIn\]](#)

IBM Introduction to Deep Learning Neural Networks with Keras - Coursera, 2025

Machine Learning with Python - freecodecamp, 2024