

Amogh M

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PROFESSIONAL SUMMARY

Highly motivated student dedicated to leveraging my skills and knowledge to address real world challenges and drive impactful change

KEY SKILLS

Languages:	Python, C++, JavaScript, SQL
Python Libraries:	NumPy, Matplotlib, Pandas, Scikit-learn
Version Control:	GitHub
Web Development:	HTML, CSS, SCSS, React, NextJS, NestJS
Database management:	MySQL
Cloud Platform:	Amazon Web Service(AWS)

EXPERIENCE

Software Development Engineer Intern | Trustworthy

May 2024 - Present

NextJS, NestJS, AWS

- Developed a secure login process to ensure user safety, enabled social connectivity through third-party platforms, and implemented an authentication mechanism for user verification.
- Established reliable communication methods through a trusted email service and focused on enhancing the visual appeal of the website with an advanced styling solution.

Software Development Engineer Intern (Frontend) | DeepByte Technology

Oct 2023 - Nov 2023

React, TypeScript, SCSS

- Played a key role in building the user interface for an online shopping platform.
- Maintained a robust and error-free codebase to ensure reliable functionality.

PROJECTS

AI AMATYA | LINK

Python, Flask, Natural Language Processing, Generative AI

- Developed an advanced document analysis and retrieval system, focusing on PDF processing and providing an intuitive user interface.
- Enhanced natural language processing capabilities, implemented efficient similarity search, and utilized pre-trained embeddings to improve search accuracy.

FARM.CONNECT | LINK

MySQL, Express.js, React.js, Node.js, SCSS

- Farm.Connect is a software solution designed to enhance inventory management for agricultural businesses.
- It focuses on providing a user-friendly experience, allowing farmers and agricultural companies to effectively manage and track their crop inventory.
- The primary goal is to improve efficiency in inventory management, helping users to stay organized and make informed decisions about their agricultural operations.

AD - PREDICT | LINK

Python, Numpy, Pandas, Matplotlib

- This project aims to implement a simple neural network to analyze and predict the relationship between TV marketing expenses and sales using a linear regression model.
- The project demonstrates the end-to-end process of building, training, and evaluating a neural network for regression tasks.

STUDENT TRACK AI | LINK

Python, Flask, Pandas, Matplotlib, Scikit-learn, AWS

- Developed an advanced AI system to predict student performance using historical academic data.
- Spearheaded the project by collecting and preprocessing the dataset, engineering features to enhance model accuracy, and performing exploratory data analysis to uncover key insights.

EDUCATION

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| Bachelor of Engineering AI & ML RNS Institute of Technology, Bengaluru | CGPA: 8.58 2021 - Present |
| Class 12 Vagdevi Pre University College, Thirthahalli | 94.5% 2021 |
| Class 10 Prajna Bharathi High School, Thirthahalli | 96.6% 2019 |

EXTRACURRICULAR ACTIVITIES

Technical Lead | "InnovAIT-ON" RNSIT

Nov 2023 - Present

- Organized various technical events
- Conducted sessions on web development, data analysis and machine learning for 100+ participants.