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. Demonstrated ability to collaborate effectively within teams and deliver innovative solutions under tight deadlines, showcased through active participation in hackathons and competitions.

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, Express, Node.js
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

- 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.