AMIT REDDY

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EDUCATION

S.R.M INSTITUTE OF SCIENCE AND TECHNOLOGY — Chennai, Tamil Nadu
Bachelor of Technology — Expected May 2027
Major in Computer Science; Specialization in Big Data Analytics
Cumulative CGPA: 8.77/10
Relevant Coursework: Data Science; OOPS; Operating Systems; Data Structures And Algorithms

KENDRIYA VIDYALAYA SANGATHAN — India
High School Diploma - Science — Apr 2011 - May 2023

WORK EXPERIENCE

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (COHORT-9) — Virtual
Google Generative AI Intern — Jul 2024 – Sep 2024
- Developed generative AI models using TensorFlow
- Created synthetic data for ML training and optimized text/image generation algorithms.
- Deployed AI solutions on Google Cloud Platform (GCP)
- Enhanced skills in deep learning, NLP, and cloud computing

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (COHORT-7) — Virtual
AWS AI-ML Intern — Jan 2024 – Mar 2024
- Explored basic machine learning concepts using AWS SageMaker
- Completed introductory projects on data processing and simple model deployment
- Learned fundamentals of cloud-based AI/ML tools and their applications
- Collaborated with peers on beginner-level AI tasks and exercises

PROJECTS

Inventory Management System — Sep 2024
- Designed and implemented Inventory System application using Java, JavaFX and MySQL
- **Objective**: Developed a comprehensive inventory management system to automate and optimize stock tracking, purchase order management, and report generation.
- **Key Features**: Real-time inventory tracking, automated data entry, customizable reports and analytics, and enhanced security with access controls and audit trails.
- **Impact**: Improved operational efficiency, reduced stockouts, minimized losses due to theft or errors, and provided valuable insights for better decision-making.

MEDCARE — Jul 2024
- Designed and implemented a responsive web application for a virtual health assistant in 4-person team using HTML, CSS And JavaScript in Foss Hack 2024
- Implemented patient registration and doctor search functionalities
- Created dynamic form toggling for login and signup using JavaScript
- Applied consistent and visually appealing styling with an external CSS file.
- Integrated a health chatbot that provides suggestions based on user input.

ADDITIONAL

Technical Skills: SQL, Javascript,HTML/CSS; Proficient in Python, C++, Java, C, Kotlin, Data Structures And Algorithms, OOPS, AutoCAD, Data Visualization.
Languages: Fluent in English, Hindi; Conversational Proficiency in Spanish.
Certifications & Training: Online Course in Alteryx Foundation And Designer Core for Data Analytics Process Automation , Remote Sensing and Digital Image Analysis by ISRO.
Memberships: Institute of Electrical and Electronics Engineers [IEEE].