AMRUTHA PARIPROLU

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ABOUT

Passionate coding enthusiast, eager to embrace challenges and unlock innovative solutions. Committed to continuous learning and upskilling, exploring diverse technologies to drive meaningful impact

EDUCATION

B.Tech in Computer Science(AIML), Jawaharlal Nehru Technological University Hyderabad   2026
Aggregate CGPA: 8.9/10.

Intermediate(MPC), Narayana Junior College   2020 - 2022
Percentage: 98.1%.

SSC(X), St.Mary's High School   2020
CGPA: 10.

SKILLS

Backend Technologies	Nodejs, Expressjs, RESTful APIs.
Databases	MySQL, Relational Database Concepts, MongoDB.
Programming Languages	Java, Python.
Web Technologies	HTML, CSS, JavaScript.
Developer Tools	Git, GitHub, Google Colab, VS Code, Anaconda.
Course Work	Data Structures and Algorithms, OOPs, DBMS, OS, CN, DAA.
Certifications	Artificial Intelligence with Python - Microsoft (Coincent.ai).

PROJECTS

SkillHub
Tools: HTML, CSS, JavaScript, Pandas, Numpy, Scikit-learn, Nodejs, Expressjs, MongoDB, RESTful APIs
Architected a scalable course recommendation system leveraging TfidfVectorizer and cosine similarity to provide personalized user recommendations. Enhanced data pipeline efficiency, ensuring secure access via token-based authentication, resulting in a 40% boost in user engagement.

Task Manager API
Tools: Nodejs, Expressjs, MongoDB, RESTful APIs.
Developed and optimized a secure backend solution utilizing bcrypt for password hashing and JWT for authentication. Designed RESTful APIs for seamless CRUD operations, enhancing task management efficiency by 30% and securing user data through robust encryption methods.

ACHIEVEMENTS

- Top Contributor in GSSOC'24 :Ranked **59th** in **GirlScript Summer of Code** program by driving impactful contributions to open-source projects and leveraging technical skills effectively.

- Qualified for Level 2 in Relay Code and Code Shuffle, national-level technical competitions organized by JNTUH.

- Advanced to Level 2 in EY Techathon 5.0 and Tech Savishkar, a National Level Technical Fest organised by Vasavi College .

LEADERSHIP

- **Coding Club Lead** :Led and orchestrated coding contests and quizzes for 100+ participants, driving a 30% increase in engagement through innovative event strategies.