Madhan Mohan Reddy Peram

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SOFTWARE ENGINEER

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EDUCATION

•**Kalasalingam University | Srivilliputur, Tamilnadu**   *2022 - Present*
B.Tech | Computer Science and Engineering   CGPA: 8.12

•**Narayana Junior College | Kadapa, Andhra Pradesh**   *2020 - 2022*
Board of Intermediate Education, Andhra Pradesh   Percentage: 84.2

•**Swamy Vivekananda E.M High School | Vempalli, Andhra Pradesh**   *2019 - 2020*
Board of Secondary Education, Andhra Pradesh   Percentage: 99.33

EXPERIENCE

•**FUTURE INTERNS**   *September 2025 - October 2025*
FULL STACK WEB DEVELOPER   Remote
  − Collaborated with senior developers to build responsive interfaces and backend integrations.
  − Developed and deployed scalable ReactJS front-end features, integrated with Node.js RESTful APIs.

PROJECTS

−**HOTEL MANAGEMENT SYSTEM**   *July 2025 - August 2025*
Tech used : Python, HTML, CSS, OOP, SQL

  ∗ Developed a dual-interface (GUI and CLI) hotel management application using Python and OOP principles, ensuring smooth guest check-in/out, billing, and room management.
  ∗ Designed SQL-based data storage for booking and billing records, enhancing efficiency and scalability.

−**Airline Reservation System**   *April 2024 - May 2024*
Tech used : Java, HTML, CSS, JavaScript, SQL

  ∗ Built a Java-based web application for domestic and international flight bookings, implementing modules for registration, flight search, seat selection, and ticket generation.
  ∗ Integrated SQL database for real-time flight availability and Core Java for backend processing, ensuring a seamless booking experience.

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C++, Python, Java, JavaScript.
Developer Tools: Git, Docker, Kubernetes, VS Code, Jupyter Notebook, Firebase.
Frameworks & Libraries: TensorFlow, PyTorch, Flask, React, Streamlit, OpenCV.
Systems & Platforms: Unix/Linux Environments, Distributed Systems, TCP/IP Networking, Cloud Deployment (Google Cloud / Firebase).
Databases: MySQL, MongoDB, Firestore.
Core Concepts: Data Structures and Algorithms, System Design, Artificial Intelligence, Machine Learning, Information Retrieval, NLP.
Soft Skills: Problem Solving, Collaboration, Adaptability, Technical Communication.
Coursework: Operating Systems, Computer Networks, Distributed Computing, Machine Learning, Database Systems, Data Structures & Algorithms.
Areas of Interest: Scalable Software Systems, AI/ML Applications, Distributed Computing, Backend Development.

CERTIFICATIONS

  −Python Full Stack Development – **UDEMY**

  −Advanced Python – **Simplilearn**

  −Java Full Stack Development – **UDEMY**

  −SQL – **Simplilearn**

  −AWS Cloud Practitioner Essentials – AWS

ACHIEVEMENTS

  • Achieved the highest score in Python Programming Challenge – **Coding Blocks KARE.**

  • Achieved Certificate of Merit with 97% score in Young-Turks-2025 – **Naukri Campus.**

  • Finalist in Code Combat Programming Challenge – **Coding Ninjas.**