

MANIDEEP REDDY SRIPATHI

Passionate-Determined-Motivated

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Experience

Co-Founder, QuadrelixForge Jan 2025 – Present
Web & App Development Startup Remote

- Co-founded a digital solutions startup delivering modern websites and mobile applications for clients.
- Lead end-to-end development: requirement gathering, UI/UX, full-stack engineering, and deployment.
- Website: quadrelix-forge.netlify.app

AI Trainer, Outlier.ai Nov 2024 – Dec 2024
AI Coder & Model Trainer Remote

- Trained AI models by refining datasets and improving annotation quality.

Chegg – Mathematics Expert Solver Jun 2024 – Oct 2024
Math Expert Remote

- Solved 500+ math problems with 95% accuracy, delivering clear step-by-step solutions.

TEEP – Taiwan Experience Education Program Sep 2023 – Jan 2024
Research Intern Yilan, Taiwan

- Worked on a government-funded project integrating Blockchain, IoT, and Edge Intelligence.

Google Developer Student Clubs Aug 2022 – Jul 2023
Design Lead Chennai, India

- Led design initiatives and supported development of student-led technical projects.

Education

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology Sep. 2020 – June 2024
Bachelor of Technology in Computer Science - CGPA - 9.3 Chennai, India

Sri Chaitanya Junior College Jun. 2018 – Jul 2020
Intermediate Education - Percentage: 8.8 Hyderabad, India

Dilsukhnagar public school Jun. 2015 – Apr 2018
Higher Secondary Education- Percentage : 8.7 Hyderabad, India

Relevant Coursework

- Data Structures
- Mathematical expert
- Software Methodology
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Theory of Computation
- Cyber Forensics
- Computer Architecture

Projects

Client Website – Managoodu | HTML, CSS, JS, React May 2025- Aug 2025

- Developed a fully responsive and production-ready website for Managoodu, improving their digital presence and user engagement.
- Website: managoodu.com

50+ Custom Portfolio Designs for Clients | HTML, CSS, JS, React, UI/UX Jan 2025-May 2025

- Designed and delivered over 50 personalized, fast-loading, and visually appealing portfolio websites for clients globally.
- Portfolio Showcase: quadrelix-forge.netlify.app/portfolio

Heart Disease Prediction System | Python, ML, Hybrid Quantum-Classical Models Aug 2024

- Designed a predictive model combining quantum machine learning and classical ML techniques to improve early detection accuracy.
- Implemented data preprocessing, feature extraction, and hybrid QML workflows for enhanced clinical insights.

AI Chatbot to answer FAQ's | Python, ML, Tensorflow September 2021

- Growing numbers of websites in developing regions struggle with customer service, affecting user satisfaction.
- To address this issue, chatbots are increasingly being implemented to provide immediate, satisfactory responses to user inquiries, enhancing user experience and satisfaction.

Multi-Disease Identifying application | Python, Neural Network, Logistic Regression **April 2022**

- The project involves creating a web application that utilizes machine learning algorithms, including CNN and logistic regression, to enable self-testing for heart disease, Parkinson's, and diabetes.

Designed a Collage Website | HTML, CSS, Javascript, Nodejs, MongoDB **October 2020**

- Developed a comprehensive website for showcasing college club events and disseminating information on emerging technologies, enhancing the academic community's engagement and awareness.

File Validation System for efficient storage systems. | Angular JS, SpringBoot, JAVA, PostMan, MySQL **June 2023**

- A file upload component that validates, an Excel file, with a set of rules set in settings.JSON
- Link: <https://github.com/manideep2003/Angular-based-File-analyzer>
- Link: <https://github.com/manideep2003/Angular-based-file-Analyzer-Backend>

MAKER-arm for Industrial Grade Routine | Arduino IDE, Servo Motors, Reinforcement Learning, DCN **November 2023**

- The objective: To provide rapid movement of materials from one zone to another zone accurately
- Implemented Arm Control System, Camera feed, and feedback system

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Amazon Web Services, Pycharm, Anaconda, Android Studio

Technologies/Frameworks: Github, React JS, Angular JS, Tensorflow, IOT

Management/Additional: Agile Methodology, Waterflow model, Proficient in Mathematics problem-solving

Research Works and journals

Two Layered Deep Long Short-Term Memory Network based Gold Rate Divination **2022**

ICAN | Link: <https://ieeexplore.ieee.org/abstract/document/10007212>

Chitkara University

MIG-Assisted Kernel-enabled Robot (MAKER) Arm for Seamless Automobile Maintenance and Service

2023

IJRAT | Link: [MIG-Assisted Kernel-enabled Robot \(MAKER\)](#)

IJRAT

Achievements and Accolades

Placed in top 5 | Hack the league | [Arya collage of Engineering, Jaipur, India.](#)

February 2023

3rd Prize | Hackathon'22 | [SNS collage of Engineering, Coimbatore, India.](#)

September 2022

2nd Prize | Ideathon'22 | [Veltech University, Chennai, India.](#)

April 2022

3rd Prize | Coadethon'Nov | [Veltech University, Chennai, India.](#)

November 2022

3 + University Contest Winner | University | [Veltech University, Chennai, India.](#)

2021-2023

Courses and Certification

Introduction to Networks | CISCO Netacad

Ideathon Introduction to Cybersecurity | CISCO Netacad

IBM Machine Learning Certification | Coursera

IBM AI Engineering Certificate | Coursera

One day hands on workshop on 'Field Marketing' event | Chennai

Leadership / Extracurricular

Co-Founder, QuadrelxForge

2025

Leadership & Startup Development

Hyderabad, Telanagana.

Tantraz 2022

2022

Lead Organizer | Coding Event with 100+ participants

Vel Tech University

SANDHAI 2022 - Sell and Learn Initiative

2022

Core Team | Sold more than 800/- worth of items made by orphans and disabled

Vel Tech University