

MANIDEEP REDDY SRIPATHI

Passionate-Determined-Motivated

+91 6305959473 | saimanideep2015@gmail.com | [Manideep Reddy](#) | [Manideep2003](#) | [Portfolio](#)

Experience

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|--|----------------------------|
| Co-Founder, QuadrelixForge <i>Web & App Development Startup</i> | Jan 2025 – Present |
| <ul style="list-style-type: none">• 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 | <i>Remote</i> |
| AI Trainer, Outlier.ai <i>AI Coder & Model Trainer</i> | Nov 2024 – Dec 2024 |
| <ul style="list-style-type: none">• Trained AI models by refining datasets and improving annotation quality. | <i>Remote</i> |
| Chegg – Mathematics Expert Solver <i>Math Expert</i> | Jun 2024 – Oct 2024 |
| <ul style="list-style-type: none">• Solved 500+ math problems with 95% accuracy, delivering clear step-by-step solutions. | <i>Remote</i> |
| TEEP – Taiwan Experience Education Program <i>Research Intern</i> | Sep 2023 – Jan 2024 |
| <ul style="list-style-type: none">• Worked on a government-funded project integrating Blockchain, IoT, and Edge Intelligence. | <i>Yilan, Taiwan</i> |
| Google Developer Student Clubs <i>Design Lead</i> | Aug 2022 – Jul 2023 |
| <ul style="list-style-type: none">• Led design initiatives and supported development of student-led technical projects. | <i>Chennai, India</i> |

Education

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|---|------------------------------|
| Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology <i>Bachelor of Technology in Computer Science - CGPA - 9.3</i> | Sep. 2020 – June 2024 |
| Sri Chaitanya Junior College <i>Intermediate Education - Percentage: 8.8</i> | Jun. 2018 – Jul 2020 |
| Dilsukhnagar public school <i>Higher Secondary Education- Percentage : 8.7</i> | Jun. 2015 – Apr 2018 |
| | <i>Hyderabad, India</i> |

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 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• 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:** Githb, 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, QuadrelixForge****2025**

Leadership & Startup Development

Hyderabad, Telangana.

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