

# MANIDEEP REDDY SRIPATHI

Passionate-Determined-Motivated

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## Experience

<b>Co-Founder, QuadrelixForge</b> <i>Web &amp; App Development Startup</i>	<b>Jan 2025 – Present</b>
<ul style="list-style-type: none"><li>• Co-founded a digital solutions startup delivering modern websites and mobile applications for clients.</li><li>• Lead end-to-end development: requirement gathering, UI/UX, full-stack engineering, and deployment.</li><li>• Website: <a href="https://quadrelix-forge.netlify.app">quadrelix-forge.netlify.app</a></li></ul>	<i>Remote</i>
<b>AI Trainer, Outlier.ai</b> <i>AI Coder &amp; Model Trainer</i>	<b>Nov 2024 – Dec 2024</b>
<ul style="list-style-type: none"><li>• Trained AI models by refining datasets and improving annotation quality.</li></ul>	<i>Remote</i>
<b>Chegg – Mathematics Expert Solver</b> <i>Math Expert</i>	<b>Jun 2024 – Oct 2024</b>
<ul style="list-style-type: none"><li>• Solved 500+ math problems with 95% accuracy, delivering clear step-by-step solutions.</li></ul>	<i>Remote</i>
<b>TEEP – Taiwan Experience Education Program</b> <i>Research Intern</i>	<b>Sep 2023 – Jan 2024</b>
<ul style="list-style-type: none"><li>• Worked on a government-funded project integrating Blockchain, IoT, and Edge Intelligence.</li></ul>	<i>Yilan, Taiwan</i>
<b>Google Developer Student Clubs</b> <i>Design Lead</i>	<b>Aug 2022 – Jul 2023</b>
<ul style="list-style-type: none"><li>• Led design initiatives and supported development of student-led technical projects.</li></ul>	<i>Chennai, India</i>

## Education

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

## Relevant Coursework

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|--|---|---|
| <ul style="list-style-type: none"><li>• Data Structures</li><li>• Mathematical expert</li><li>• Software Methodology</li></ul> | <ul style="list-style-type: none"><li>• Algorithms Analysis</li><li>• Database Management</li><li>• Artificial Intelligence</li></ul> | <ul style="list-style-type: none"><li>• Theory of Computation</li><li>• Cyber Forensics</li><li>• Computer Architecture</li></ul> |
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## Projects

<b>Client Website – Managoodu</b>   HTML, CSS, JS, React	<b>May 2025- Aug 2025</b>
<ul style="list-style-type: none"><li>• Developed a fully responsive and production-ready website for Managoodu, improving their digital presence and user engagement.</li><li>• Website: <a href="https://managoodu.com">managoodu.com</a></li></ul>	
<b>50+ Custom Portfolio Designs for Clients</b>   HTML, CSS, JS, React, UI/UX	<b>Jan 2025-May 2025</b>
<ul style="list-style-type: none"><li>• Designed and delivered over 50 personalized, fast-loading, and visually appealing portfolio websites for clients globally.</li><li>• Portfolio Showcase: <a href="https://quadrelix-forge.netlify.app/portfolio">quadrelix-forge.netlify.app/portfolio</a></li></ul>	
<b>Heart Disease Prediction System</b>   Python, ML, Hybrid Quantum-Classical Models	<b>Aug 2024</b>
<ul style="list-style-type: none"><li>• Designed a predictive model combining quantum machine learning and classical ML techniques to improve early detection accuracy.</li><li>• Implemented data preprocessing, feature extraction, and hybrid QML workflows for enhanced clinical insights.</li></ul>	
<b>AI Chatbot to answer FAQ's</b>   Python,ML,Tensorflow	<b>September 2021</b>
<ul style="list-style-type: none"><li>• Growing numbers of websites in developing regions struggle with customer service, affecting user satisfaction.</li><li>• To address this issue, chatbots are increasingly being implemented to provide immediate, satisfactory responses to user inquiries, enhancing user experience and satisfaction.</li></ul>	

**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 &amp; 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