

ADITYA SHARMA

Bangalore, Karnataka

☎ +91-8081596662

✉ Gmail

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🚩 Codeforces

🔗 LeetCode

EDUCATION

Sri Venkateshwara College of Engineering

Jan 2020 – May 2024

*Bachelor of Engineering, Computer Science - **GPA - 7.8***

Bangalore, India

Skomiya Academy

Mar 2018 – Apr 2019

*Intermediate - **Percentage - 84%***

Kanpur, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating System
- Network Management & Security
- Artificial Intelligence
- Database Management System (DBMS)
- OOPS Concept
- Web & Android Development
- BDA(Scala, Hadoop)

PROJECTS

Network Intrusion Detection System 🔗 | Python, ML, Flask, DNN, Tensorflow **Sep 2023 - Apr 2024**

- Spearheaded the creation of a **AI@Network** Intrusion Detection System (NIDS) using **Python, ML, Flask, and Spyder IDE** to strengthen **Cybersecurity**.
- Executed **Feature Extraction, Model Training, and Classifiers**, achieving **99.8%** accuracy in Malware Detection.
- Delivered a user-friendly **UI with Flask**, surpassing the accuracy of published research papers that were **98% & 99%**.
- **Live Project**

ThisisMagma - Perfect Replica 🔗 | HTML, CSS, Canvas Graphic, JavaScript, GSAP

June 2024

- Developed an 80% similar clone of the Magma website using **HTML, CSS, JavaScript, Canvas, and GSAP** for a responsive UI.
- Implemented realistic **3D** building representations and the **Digital Twin Token (DTT®)** concept.
- **Live Project**

Weather Forecast 🔗 | HTML, CSS, ReactJS, JQuery, REST APIs

Sept 2023

- Built a **ReactJS** weather app showing **Temperature (°C)**, **Humidity (%)**, **Visibility (km/miles)**, and **Wind Speed (km/h)** for searched Cities or Countries.
- Integrated **APIs** for real-time Weather Data Display.
- **Live Project**

WORK EXPERIENCE

CodersCave 🔗

June 2024 – July 2024

Data Scientist

Coimbatore, India - Remote

- * Used engagement metrics (**likes, comments, shares, click-through rates**) to optimize content, increasing average engagement **25%** across platforms.
- * Implemented **LSTM** for stock time series forecasting, boosting prediction accuracy by **15%** and reducing forecast error by **20%** over previous models.

EVE HEALTHCARE CENTRES PVT LTD 🔗

Aug 2023 – Oct 2023

Frontend Developer

New Delhi, India - Remote

- * Crafted a **ReactJS** UI solution ensuring **100%** Responsiveness across platforms, accommodating diverse screen sizes and handling **1000+** concurrent users.
- * Leveraged **Figma's** prototyping capabilities to generate **100+** Interactive Mockups and Wireframes, enabling **360°** feedback and Real-time Visualization of the proposed design.

TECHNICAL SKILLS

Languages: Python, Java, HTML, CSS, JavaScript, SQL, PHP

Developer Tools: VS Code, Android Studio, Docker, Git, Postman, AWS

Frameworks: ReactJS, NodeJS, ThreeJS, TensorFlow, Flask, Django

Databases/ Libraries: MongoDB, NoSQL, Material, Redux, React Router, PyTorch, Scikit-Learn

CERTIFICATIONS

- Frontend Development - Udemy
- CyberSecurity - Cisco Networks
- RPA Essentials- Automation Anywhere
- ICT Learnathon Sept 2023