VARSHITH YADAVALLI

Software Engineer

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Career Objective

A highly motivated and proactive Computer Science graduate with a solid foundation in software development, programming languages, and web technologies. Passionate about technology and eager to launch a career in the tech industry. Seeking to contribute to innovative projects and grow into an advanced Software Engineer by leveraging my analytical skills, technical expertise, and collaborative mindset.

Education

Bachelor of Technology in Computer Science and Business Systems — May 2020 – April 2024
RMK Engineering College — CGPA – 8.73/10

Board of Intermediate Education — March 2018 – May 2020
Sri Chaithanya Junior College — CGPA – 8.89/10

Skills

- **Languages:** Python
- **Web Technologies:** HTML, CSS, JavaScript
- **Database Technologies:** SQL, MySQL
- **Concepts:** Object-Oriented Programming (OOP)
- **Operating Systems:** Linux
- **Version Control:** Git, Github
- **Tools:** MS Word, MS Powerpoint, MS Excel

Academic Projects

Virtual Healthcare Assistance — January 2024 – March 2024

- Personalized healthcare experiences, tailoring services to users needs and interests, resulting in a 10% increase in user satisfaction.
- Established a virtual healthcare assistant facilitating appointment scheduling and providing real-time guidance during emergencies.
- Prioritized simplicity and clarity in user interface design, enhancing interaction and engagement, resulting in an increase in active user participation.
- Implemented machine learning algorithms to analyse user data and provide personalized health recommendations, leading to a improvement in health outcomes.

Visual Cryptography Using RSA Algorithm — December 2022 – February 2023

- Designed and engineered an application for image encryption with a focus on bolstering image security, achieving a reduction in unauthorized access attempts.
- Utilized the RSA algorithm to encrypt images, enhancing data protection measures and ensuring confidentiality, resulting in decrease in successful decryption attempts.
- Integrated RGB-encryption techniques post RSA encryption process, fortifying image data against potential breaches and unauthorized access.

Certifications & Achievements

- Completed Python Essentials 1&2 – Cisco.
- Mastered SQL for Data Analytics – Udacity.
- Acquired skills in Generative AI – Google Cloud.
- Completed Introduction to Cybersecurity – Cisco.
- Mastered in Microsoft Excel:Excel from beginner to advanced – Udemy.
- Proficient in Databases System Management – Infosys springboard.