Raksha T U

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SUMMARY

Motivated and forward-thinking Computer Science Engineering student with hands-on experience in software development and emerging technologies. Proficient in C, Java, and Python, with a strong interest in leveraging technology for innovation in Artificial Intelligence, software systems, and performance optimization. Adept at solving real-world problems through efficient, scalable solutions and committed to continuous learning and impactful development.

EDUCATION

Bachelor of Engineering - Computer Science and Engineering(CSE)   Aug 2021 – May 2025 | CGPA: 7.94

Mangalore Institute of Technology & Engineering, Moodabidri

Pre-University Course (PUC)   Jun 2019 – Apr 2021 | Percentage: 83

Bhuvanendra PU college, Karkala

Secondary School (SSLC) – KSEEB   Jun 2017 – Apr 2019 | Percentage: 91

Annapoorna vidya mandir, Agumbe

SKILLS

Programming Languages: C, Java, Python

Web Development: HTML, CSS, JavaScript, Figma, Canva

Database: SQL

Tools & IDEs: Git, GitHub, VS Code, Eclipse, Jupyter Notebook

Technologies: Machine Learning, Artificial Intelligence, Web Development, Cloud Computing

PROJECTS

Deep 3D Face Reconstruction (using Neural Rendering & Morphable Models) (Ongoing)
Developed a deep learning system to convert a single 2D face image into a realistic 3D model using ResNet, 3D Morphable Models, and neural rendering. Implemented with PyTorch, and Graph Convolutional Networks to ensure high accuracy and real-time performance for AR/VR and biometric use cases.

Library Management System:
This project is a console-based library management application designed to simulate basic library operations. The program allows users to add, delete, search, and display books, as well as manage book issuance and returns. It serves as an educational exercise in building structured, menu-driven applications using C programming.

COURSES & WORKSHOPS

- **RPA Developer Foundation – UiPath :** Hands-on training in Robotic Process Automation with UiPath Studio, covering workflows, selectors, and debugging. (May 2024)
- **Crash Course on Python – Google (Coursera) :** Learned Python basics, functions, loops, and scripting for automation. (May 2024)
- **UiPath Automation Explorer for Students** – UiPath Academy : Participated in an RPA skill-a-thon, exploring automation tools and practical applications using UiPath.
- **Cybersecurity in the Product Development Lifecycle :** From Design to Deployment workshop and hands-on session