

SOURAV J RAJU

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EDUCATION

B.Tech in Computer Science and Engineering, APJ Abdul Kalam Technological University 2021 - present
College of Engineering Chengannur (CGPA: 7.45)

Relevant Coursework: DSA, OS, OOPs in Python and Java, Computer Networks, DBMS

TECHNICAL SKILLS

- **Programming Languages:** Python, C, C#, SQL
- **Web Technologies and Frameworks:** HTML5, CSS3, JavaScript, React, Flask, TailwindCSS
- **AI/ML and Libraries:** TensorFlow, OpenCV
- **Tools:** Git, Unity, Godot, Visual Studio, Figma, Postman

PROJECTS

Mini Project: UrFine - A Palliative Care Booking System [Link](#)

Front-End Developer

- Engineered the admin interface of a palliative care booking system using React, streamlining scheduling and management of care services.
- Utilized React, HTML5, CSS3, JavaScript, VSCode, Postman, and Figma to create intuitive interfaces, boosting system usability.

X-Ray Image Classification System [Link](#)

- Developed a Flask-based web application for real-time X-ray image classification, featuring a responsive and user-friendly UI built with TailwindCSS.
- Integrated OpenCV for image preprocessing and supported TensorFlow/Keras models for modular architecture.

Third-Person Shooter Unity Game [Link](#)

- Designed and developed a third-person shooting game in Unity using C#, featuring dynamic character movements and shooting mechanics.
- Created shooting mechanics with 10+ weapon options, delivering diverse and immersive gameplay experiences.

CERTIFICATIONS

Artificial Intelligence Fundamentals [Verification Link](#)

Issued by: IBM-SkillsBuild

TCS iON Career Development Program [Link](#)

Issued by: TCS iON

EXTRACURRICULAR ACTIVITIES

Founder of 'Paradox Productions':

Paradox Productions, a student community crafting short films and music videos while also serving as a media partner for multiple technical events. Produced 6+ short films and 10+ music videos, featuring a wide array of creative ventures. Directed a team of 50+ students on various projects, fostering innovation and collaboration, and orchestrated performances by 15+ singers and musicians.