

Sujal Dixit

📍 Bengaluru ✉ :sujalrdixit@gmail.com ☎ 9110416249 in Sujal Dixit 🌐 SujalD04 📁 My portfolio

About

Performance-driven Computer Science student with a passion for software development and a keen interest in exploring diverse areas within the field. Dedicated to maintaining strong work ethics and committed to fostering effective teamwork to drive successful outcomes.

Education

Vellore Institute of Technology
Integrated M.Tech in Computer Science
◦ CGPA: 7.80

Sept 2022 – May 2027

BASE PU College
Karnataka PU Board (PCMCs)
◦ Percentage: 94

June 2020 – April 2022

Experience

Game Developer
Technology and Gaming Club (TAG)

Vellore, Tamil Nadu
Feb 2023 – May 2023

- Collaborated with a team of four to conceptualize, pitch, and implement a game idea, contributing to detailed project documentation and reporting.
- Developed and optimized game mechanics by leveraging Unreal Engine 5, focusing on the technical architecture to enhance user experience and performance.

Projects

AI Powered Functions Inspection Application

[GitHub](#) 

- Developed the User Interface (UI) of the application, implementing robust login validation systems and creating a multi-user portal to facilitate secure access and management of user data.
- Designed and integrated back-end functionality using Node.js, ensuring seamless connection to MongoDB for efficient data retrieval and dynamic content access.
- Tools Used: Voice Model, SRC, PyPDF, MongoDB, Node.js, Bootstrap, JavaScript, Flask API

Flare - Messaging Application

[GitHub](#) 

- Led the front-end development for the application, designing and implementing a responsive user interface using React and Tailwind CSS, ensuring a seamless and engaging user experience across all devices.
- Collaborated with the back-end team to implement real-time messaging features and ensure efficient data synchronization using Firebase Firestore, contributing to the app's overall performance and scalability.
- Tools Used: React.js, Tailwind CSS, Google Firebase, Google Translate API, Vite.

Technologies

Languages: C, C++, Python, Java, JavaScript,
Frameworks: React.js, Angular.js, Express.js, Flask
Databases: PostgreSQL, MongoDB, Firebase
Tools: GitHub, AWS EC2 Instance, S3 Bucket, Elastic Beanstalk, Vercel

Certifications

Web Development Bootcamp, Udemy (2024)
Database Management System, Infosys Springboard (2023)