Rithvik Rao

Daman & Diu , India

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Education

Indian Institute of Information Technology,Sri City　　　　　　　　　　**Aug. 2023 – May 2027**
B.tech in Computer Science and Engineering　　　　　　　　　　　　　　*CGPA*: 9.13 / 10

Relevant Coursework

- Data Structures
- Operating Systems
- Algorithms Analysis
- Database Management
- Computer Networks
- Web Technologies
- OOPS
- Computer Architecture

Projects

CollabSphere | *React, Express, MongoDB, JavaScript*　　　　　　　　　**In Development**

- Building a collaboration platform for developers, designers, and creators to post projects, define required roles (UI/UX, AI, Backend, etc.), deadlines, and weekly commitments.
- Developing dynamic user profiles showcasing skills, ongoing/completed projects, and availability to help users build credible portfolios.
- Implementing workflows for team formation, project applications, and role-based access with admin dashboards for user analytics and moderation.
- Facilitating project discovery with real-time updates on team compositions and open roles.

ArtisanSpace | *MongoDB, Express, JavaScript, Node.js, EJS, Github*　　　　　**March 2025**

- Built a full-stack e-commerce platform for handicraft artisans to showcase products and connect with customers.
- Implemented authentication with OTP-based password reset using Nodemailer, along with role-based access for Admin, Customer, Artisan, and Manager.
- Built key features including inventory management (Manager & Artisan), user management & analytics (Admin), cart & product pages (Customer), and a workshop booking system for direct artisan-customer interaction.
- Designed a **custom order module** for customers to submit personalized requests.Also ensured full data consistency for Artisan & Customer with automated cascading deletions.
- Collaborated in a team using GitHub workflows with branching, pull requests, and issue tracking.

UniVerse | *Kotlin, FireBase, Jetpack, ConfigCat*　　　　　　　　　　**September 2024**

- Building a centralized Android application to organize and provide easy access to IIITS academic resources like notes, PYQs, and reference books, solving the issue of scattered files on Various locatins.
- Implemented Firebase Storage to enable real-time storage, retrieval, and dynamic updates of study materials.
- Utilizing Jetpack libraries (LiveData, ViewModel, Navigation) to build a scalable architecture and deliver a seamless user experience.
- Implemented feature flag control to remotely toggle app features and enable maintenance mode during updates or downtime.

Technical Skills

Languages: Java, Kotlin, JavaScript, C, C++, Python,SQL
Web Development: React, Node.js, Express.js, HTML
Developer Tools: VS Code, Git, Android Studio
Database & Backend: MongoDB, Firebase DB, MySQL, SQLite3

Leadership / Extracurricular

Epoch Club　　　　　　　　　　　　　　　　**Monsoon 2024 – Spring 2025**
UG Core Member　　　　　　　　　　　　　　　　　　　*IIIT Sri City*

- Served as a key member of the club's decision-making body, contributing to planning, strategy, and smooth functioning of club activities.
- Collaborated closely with the core team in organizing major club events such as **Bit Build**, **Vault of Secrets**, and **Neural Odyssey**, contributing to operations, logistics, and seamless execution.
- Contributed to discussions on event formats, promotional strategies, and resource management to enhance the club's impact.