Ruchita Nagar

ruchitanagar0996@gmail.com | +91-8319467042 | LinkedIn: ruchita-nagar

EDUCATION:

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI
MASTER OF COMPUTER APPLICATIONS
August 2018 - May 2021
CGPA: 8.38/10.00

SANT SINGAJI INSTITUTE OF SCIENCE AND MANAGEMENT, SANDALPUR
BACHELOR OF SCIENCE
July 2013 - May 2016
Percentage: 67.78

TECHNICAL SKILLS:

Programming Languages:
• Python • SQL • C/ C++

Frameworks/Frontend Technologies:
• Angular • Django • HTML/CSS
• JavaScript • TypeScript

Databases:
• MySQL • Google Firebase

Version Control/ Management Tools:
• Git • GitHub • Azure DevOps

Tools and Utilities:
• Chrome Developer Tools • Postman
• Visual Studio • Jenkins

INTERNSHIP:

Trawello HealthyKID
December 2019 – January 2020
- Developed an Android application for schools that allows health workers to save and access students' medical health data.
- Utilized MIT App Inventor for the development of the Android application and Google Firebase as the backend service to store and retrieve data.

EXPERIENCE:

HALLIBURTON DEVELOPMENT CENTER INDIA (LLP)
Software Developer | August 2021 – August 2023 | Bengaluru, Karnataka
- Contributed to the frontend development of the Assisted Horizon Interpretation (ASI) and Assisted Seismic Interpretation (AHI) web user interfaces.
- Developed User Interface from scratch with Angular components and collaborated with APIs to fetch and display dynamic data, enhancing the user experience and ensuring seamless data integration.
- Knowledge of writing unit test cases using Jest by preparing data for the API calls and managing state data between the Angular components.
- Developed Web UI with the help of Django, and ML Algorithms to estimate Job runtime for Seismic Engine.

PROJECTS:

RESEARCH PAPER ONTOLOGY
Python | February 2020 | NIT Tiruchirappalli
- The aim of this project is to propose a novel approach to matching by leveraging model-theoretic information encoded within the nodes and structure of graphs.

LS'it (Let's Sell it)
Flutter | Firebase | February 2021 | NIT Tiruchirappalli
- Developed an online application using Flutter and Firebase as a database management system.
- The objective of the project was to facilitate the buying and selling of reusable items for NITT students and faculty members.

RECALL THE FORGOTTEN SYSTEM
Python | August 2019 | NIT Tiruchirappalli
- Developed an Android application for tracing remote objects, which sends a signal to locate the remote object.
- Implemented the project using Arduino Uno, Wi-Fi chips, and radiofrequency transceivers.

ACHIEVEMENTS:

- Secured AIR 86 in NIMCET, All India MCA Entrance Exam in 2018.
- Secured 1st Position in THINKLTICS IN LOGIN'19 (A National Level MCA Technical Symposium, PSG College, Coimbatore).
- Secured 1st position, KHO-KHO, SPORTSFETE'18.

POSITIONS OF RESPONSIBILITY:

• Member, Open-Source Open Community, NIT Trichy.
• Member, Event execution committee, VERSION'19