Rahul Mishra

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EDUCATION

Jawaharlal Nehru College Of Technology   Rewa, IN
B.Tech in Computer Science and Engineering | 8.96/10 CGPA   *Aug 2018 – May 2022*

GATE 2022
Computer Science and Engineering | 504/1000 SCORE   *Feb 2022 – Feb 2025*

EXPERIENCE

Centre for Development of Telematics   Feb 2023 – Present
Project Engineer   *Delhi*

- Working with the **Quantum Key Distribution Team** to develop the manager and performance module responsible for managing all the nodes present in a particular QKD network.
- Worked on creating the FCAPS features Front-end as per the standard mentioned in **ITUT 3800-3803** with the **QKD Management Team** using **Angular 10+**.
- Developed Front-end Application for **5G FrontHaul**.
- Utilizing Angular Framework and relevant libraries (**Bootstrap, Material UI, NgPrime**) for responsive UI and impactful data visualization.
- Collaborated with **C-DAC** and **IITM** R&D Team to develop **SDN-Agent** for QKD Networks.
- Developed **Performance Monitoring** Feature in TUPM Board of QKD Nodes.
- Created resilient **RESTful APIs** using Flask for Performance Monitoring and SDN-Agent, leveraging services like Managing QKD Nodes Parameters.
- **Troubleshooting** and resolving technical issues to ensure smooth operation of applications.

Universal Informatics   Jan 2022 – July 2022
Software Development Engineer Intern   *Indore, IN*

- Designing, developing, and testing the database for the **Expense Tracker**, utilizing **MySQL** as the database management system.
- Gathered requirements and conducting **Thorough Analysis** to ensure the database meets the project needs.
- Developed the **Database Schema** and implemented effective queries to establish relationships between multiple tables.
- Ensuring data **Integrity, Security, and Reliability** within the database.
- Collaborated with the development team to integrate the database seamlessly with the application.

SKILLS

Languages/CourseWork: C/C++, JavaScript, OOPS, DBMS, OS, CN, SQL, HTML/CSS, Python.
Frameworks: React, RxJS, Node.js, Flask, Express, Prime-NG, Material-UI.
Developer Tools: Git, MongoDB, VS Code.
Soft Skills: Leadership, Time Management.

ACHIEVEMENTS

- Secured All India Rank - **3006** in **GATE 2022** conducted by **IIT Kharagpur**.
- **Champions** in Nodal Cricket Tournament for **JNCT Team**.