Shristi Agrawal

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EXPERIENCE

Swami Keshvanand Insitute of Technology **Jaipur, IN**
Teaching Assistant *August 2024 - Dec 2024*

- Assisted in teaching the C-Programming.
- Built a MCQ Quiz system for students for internal-assessment

Projects

Research on How Transaction Logs Enable Point-in-Time Recovery
Ongoing Research Project

- Researched how databases use transaction logs and base backups to perform Point-In-Time Recovery.
- Documented architecture, workflow, and failure points related to backup chains, log corruption, and recovery timing.

Leave Management System
Team Size 4

- Allows staff member to apply for leave which gets approved by higher authorities, displays remaining leaves and other constraints, customized according to the requirements of SKIT
- Javascript, NodeJS, PostgreSQL

Bus Booking
Android app

- Developed an android app with which users can book bus tickets, check schedule, see their previous bookings.
- Java, Android Developer Tools, Firebase

Technical Skills

- Programming Languages : **C/C++, Golang, Java, Python, JavaScript, CSS, HTML**
- Technologies & Databases: **Microservices, System-Testing, Framework-Design**
- Databases: **MySQL, MongoDB, PostgreSQL, Cassandra**
- Version Control Platforms: **GitHub, GitLab, Azure DevOps**

ADDITIONAL

- **Finalist Tata Crucible Hackathon** 2023 - Zonal (17 Teams were selected out of 2800 teams)
- **Secured 91st position Globally** at Codechef July lunchtime 2022

EDUCATION

Swami Keshvanand Insitute of Technology, Jaipur **B.Tech.**
Information Technology ***: CGPA 6.7*** *Aug 2022 - Jun 2026*

St. Edmunds School, Jaipur **Class 12th**
2020 - 2021

St. Angela Sophia Senior Secondary School, Jaipur **Class 10th**
2019 - 2020