

WORK EXPERIENCE

Technical Assistant

Indian Institute of Technology Delhi 

03/2019 - 02/2022

New Delhi, India

Achievements/Tasks

- Served as a technical lead, contributed to and directed the efforts of development teams, included internal and external team members.
- Contributed to the ongoing evolution of the existing content supply portfolio of applications and services.
- Designed, developed, modified, implemented, and supported software components anywhere in the software stack.
- Determined root cause for the most complex software issues and developed practical, efficient, and permanent technical solutions.
- Remained on new technologies and available versions, evaluated and updated as necessary.
- Assisted in planning, estimation, scheduling, & staffing.
- Mentored team members to allow for skill/ knowledge development through advice, & training opportunities.
- Determined in process improvements, best practices, and developed new processes.
- Worked in close partnership with cross-functional teams and management.
- Executed data migration and archive yearly in different databases.

Contact : Ms. Anishya O. Madan / Mr. Pardeep K. Gupta

Senior Assistant

Indian Institute of Technology Delhi 

09/2017 - 02/2019

New Delhi, India

Achievements/Tasks

- Developed and directed to software system validation, testing methods, and executed project plans.
- Overseen the development of documentation.
- Analyzed data to effectively coordinate the modification of existing systems.
- Managed the software development lifecycle, and Monitored system performance.
- Applied best practices and standard operating procedures. Also created innovative solutions to meet our project's technical needs.
- Tested new software and fixed bugs, and shaped the future of our systems.

Contact : Mr. Pardeep K. Gupta

DATABASE SKILLS

Oracle

MySQL

MS Access

MS Excel

PROJECTS

Quality Improvement Program (01/2020 - 02/2022)

- Used latest technologies, reduced download time by 50%.
- Improved security, that reduces SQL Injection and Data Breach.
- Handled all data in just 6 tables and 255 KB storage.
- Developed a new system for generate e-certificate.
- Maintained 2000+ certificates every year.
- Developed a new system to download e-certificate.
- Developed a new system to send email automated.

Office of Career Services (03/2019 - 02/2022)

- Revamped website on PHP 7 that reduced download time by 60%.
- Code and query optimized that improves performance by 40%.
- Reduced page load time from 800ms to 200ms.
- Secured 90+ out of 100 points in Google Page speed Insights.
- Improved security, that reduces SQL Injection and Data Breach.
- Handled all data in just 5 tables and 200 KB storage.

Career Services Portal (03/2019 - 02/2022)

- Managed 5000+ students that are applying for profiles.
- Managed 2200+ companies that are looking for suitable candidates.
- Executed multiple and complex queries that helps in data analysis.
- Executed and managed interview scheduling. completed whole task in just 3 hours for 50+ companies and 300+ students.

Board of Academic Programmes & Board of Educational and Research Planning System (03/2019 - 02/2022)

- Developed whole 2 new systems for academic session to reduces manual work by putting all data in own cloud.
- These system are used to store meeting data like agenda, minutes and their departmental feedback.
- Created a new method to search inside a PDF file through database.
- Developed a panel for feedback approval.

Non Graded Unit System (09/2017 - 02/2019)

- Managed 10,000+ students, 600+ faculty and 2,000 courses data.
- Developed a new panel to add new classes.
- Managed all functionality and fixed bugs.
- Added new features as per system requirements.

Grade Sheet System for Parents (09/2017 - 02/2019)

- Ensured the grades of students by their parents.
- Developed a panel to create grade sheet in a single A4 sheet.
- Managed 10,000+ student and 4,000+ parents data.