Pankaj Patidar

Bachelor of Technology
in Computer Science
Indian Institute Of Technology, Ropar

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	5.85 (Till 6th Sem)	2020-2024
Senior Secondary	Central Board of Secondary Education	86.8%	2020
Secondary	Central Board of Secondary Education	86.6	2018

EXPERIENCE

- **READY CODER** *15 May 2023 - 15 July 2023*
  Remote
  - Completed web development internship at ReadyCoder Pvt. Ltd.
  - Mastered React, CSS, and JavaScript for front-end, and Node.js and Express for back-end. Collaborated on a dynamic web project, refining full-stack skills and Practiced Git version control.
  - Designed a giftribute web app enabling gift purchases and admin gift management. Explored responsive design for user satisfaction.

PROJECTS

- **Leave-Management-Portal** *Mar 2023 - Apr 2023*
  Course or faculty **Github**
  - The Leave Management Portal, utilizing React, Node.js, and MongoDB, simplifies leave applications for IIT ROPAR's faculty, PhD students, and staff.
  - Replace paperwork with an intuitive online interface, making it easy for users to submit and track leave requests.
  - The portal enables real-time tracking of leave request statuses and sends notifications for approvals or disapprovals, streamlining the approval process for HoDs and the Dean.
- **Doctor Patient App** *Jun 2023 - July 2023*
  Course or faculty **Github**
  - Developed a cross-platform Doctor Patient app using Flutter, Node.js, and MongoDB.
  - Empowered doctors to manage patient data, including bills and reports.
  - Enabled patients to access their data for transparency in healthcare.
- **Model Railways Database** *Oct 2022 - Nov 2022*
  Dr. Vishwanath Gunturi **Github**
  - Collaborated closely with Professor Dr. Vishwanath Gunturi to develop a comprehensive model database mirroring the Indian Railways system.
  - Designed and implemented essential features, including reservation booking, cancellation, and appointment scheduling, aiming to replicate real-world railway operations.
  - Employed Java for application development and SQL for database management, ensuring effective data handling and user interaction.
- **Academic Management Portal** *Mar 2023 - Apr 2023*
  Dr. Balwinder Singh Sodhi **Github**
  - I successfully designed and implemented a comprehensive academic database structure, including course catalogs, offerings, student registrations, and user authentication, under the guidance of Dr. Balwinder Singh Sodhi.
  - Developed a streamlined Java and PostgreSQL-based system for academic tasks like student registration, grading, report generation, and graduation checks.
  - Ensured system reliability through comprehensive JaCoCo code tests, guaranteeing consistent performance.

TECHNICAL SKILLS

- **Programming Languages**: C/C++,java
- **Development Languages**: Postgre-SQL/flutter/nodejs/Html/css/React
- **MATLAB**: Simulation of Electric Circuits
- **Arduino**: Robotics

KEY COURSES TAKEN

- **CSE & Maths**: Algorithm & Data Structure, Operating System, Database Management System,Data Science,Discrete Maths,Software Engineering,Computer Network,Computer Graphics,Computer Architecture.
- **Others**: Signal And Systems,Introduction to Electrical Engineering

MISCELLANEOUS

- **Achievement 1**, -Jee Advance Rank(AIR)-5036 *2020*
- **Achievement 2**,-Secured a rank of 850 out of 52741 in Codeforces Round 839 (Div. 3) *2022*
- **Achievement 3**, -Secured a rank of 23 out of 14414 in Codechef Starters 96 (Div. 4) *2023*
- **Sports**, - Badminton, Chess, Cricket