PREM KUMAR

Bhagalpur, Bihar, India 813210

📞 +91 9470678079   ✉ prem.cse.20011@iiitbh.ac.in   ⌂ github/rpremofficial   in linkedin/prem-kr

Education

Indian Institute of Information Technology Bhagalpur	**Nov 2020 – July 2024**
Bachelor of Technology in Computer Science and Engineering	*Bhagalpur, Bihar*

Grade: 8.2 (latest), 7.5 (overall)

Skills

Languages: C++, C#, JavaScript, CSS, HTML, SQL

Tools & Frameworks: ReactJS, NodeJS, Git, Github, Azure, Figma, ASP.NET Core

CS Fundamentals: Data structures, Algorithms, OOPs, DBMS, OS, RestAPI, Design Patterns

Experience

DeltaX (Present)	**Feb 2024 – Jun 2024**
Associate Product Engineer Intern — requirement analysis, full-stack development	*Bhagalpur, Bihar*

- Engineered a **scalable backend** for movie web app utilizing **C#** and **RESTful APIs** in **ASP.NET Core**, adhering to behavior-driven development practices with Specflow and xUnit.
- Attained proficiency in **Git & Bitbucket** and **SQL database design**, resulting in efficient cross-team collaboration.

IIIT Bhagalpur | ⚲	**May 2023 – Jul 2023**
Summer Internship (Software Development) — product design, web development, testing	*Bhagalpur, Bihar*

- Developed and deployed a **web-app** to simplify administrative processs, achieving an **80% increase** in operational efficiency. Partnered with key university officials to adopt it as the primary system for over **1,500 users**.
- **Led a project** (team of 10) and collaborated with city police to solve **cases management & reporting problem** by simplifying the FIR progress tracking, multilevel reporting and analytics for better crime control/monitoring.

Projects

Student and Admin portal | *ReactJS, NodeJS, CSS, PostgreSQL, RestAPI* | 🌐 ⌂	**May 2023 - Jul 2023**

- Designed and Developed an **one stop platform** to streamline work of college administration and 1200+ students.
- Student portal having features such as **dashboard, fee payment, course registration, result checking, and document access.** Reduced process time from 3 days to 1-2 minutes.
- Admin portal contains **10+ custom roles** with features such as **fee/result/registration management, hostel/mess allotment, data uploading/insights**, and basic automation & emailing.

Placement Portal | *JavaScript, CSS NodeJS, MongoDB, Figma* | 🌐 ⌂	**Apr 2022 - Jun 2022**

- Built a single window portal for college placement cell with **3,000+ users** for internship and placement activities.
- Created a **dashboard** for students, recruiters, and admin center for TPC officers to streamline news publishing, event conducting, and document management, reducing management time by 30%
- Created interactive components such as gallery, past recruiters marquee, and statistics with a **modern user interface.**

Achievements

- **Won Smart India Internal Hackathon:** Led team to top 5 out of 25+ teams, built a platform for entrepreneurs.
- **Solved 750+ Coding Questions:** Showed proficiency by solving over 450+ questions on **LeetCode**, 200+ on **Codeforces** and rest on others, Achieved global ranking 2918 on a Leetcode contest.
- **Reached Level 10:** on **Microsoft Learn** with 14 trophies and 104 badges, actively learning & exploring new things.
- **Achieved 3 Star on CodeChef:** with best global rank 157 and total rating of 1665 points.

Extracurricular

- **Selected as Training & Placement Coordinator:** Hosted 30+ events on technology, hiring and careers, connecting 1200+ students/alumni with companies and recruiters.
- **Elected as Head of Design Team:** Led the design team of the college, honing UI/UX skills and improving 25+ websites and apps. Transformed the college fest representations to flagship events.
- **Coordinated the entrepreneurship club:** led **30+ student entrepreneurs** and learned developing **user-focused products and solutions**. Connected with over 1000 people across country.