# Piyush Yadav

Roll No.:22145
B.Tech - Computer Science Engineering
Indian Institute Of Information Technology, Una

+91-9696683107
yadavpiy02@gmail.com
Github | Portfolio
linkedin.com/in/piyush-yadav-744806270

## EDUCATION

| Degree/Certificate | Institute/Board | CGPA/Percentage | Year |
|---|---|---|---|
| B.Tech | Indian Institute of Information Technology, Una | 8.51/10 | 2022-Present |
| Senior Secondary | CBSE Board | 95.4% | 2021 |
| Secondary | CBSE Board | 94.4% | 2019 |

## EXPERIENCE

- **Frontend Developer (Next.js)**
  *WhatBytes*                                                        Nov 2024 - Jan 2025
  - Architected a robust user authorization system and implemented a responsive UI using Next.js for the **ReportGen project**, enabling dynamic report generation from Excel data via API integrations.
  - Refactored the **Burnaby project** for hotel management by migrating the website to Next.js, resulting in improved performance and reduced load times.
  - Showcased expertise in modern web frameworks, state management, and API integration to deliver scalable, high-performance solutions.

- **Frontend Developer (React.js)**
  *Indian Institute of Information Technology Una, Himachal Pradesh, India*          March 2024 - August 2024
  - Collaborated with a team of 6-8 members to develop the official college website, leading to a increase in user engagement and reducing page load times. iiitu.ac.in
  - Implemented responsive UI components using HTML, CSS, Tailwind, JavaScript, and React.js.
  - Implemented the integration of innovative API solutions with backend developers.
  - Conducted comprehensive user testing sessions to gather feedback and optimize performance.

## PROJECTS

- **Top Scorer**                                                    *Oct. 2024 - Present*
  *Team Project*                                                              GitHub
  - **Developed a real-time sports management platform** to enhance inter-college tournaments with live updates, participant tracking, and live win prediction.
  - Designed and implemented **APIs** using Express.js and MongoDB to manage matches, teams, and scores efficiently.
  - Integrated **WebSockets via Socket.IO** to deliver seamless real-time match updates with minimal latency.
  - Built a **responsive frontend** for score visualization and event management, ensuring an intuitive user experience.
  - Implemented **JWT-based authentication** for secure user access and role-based authorization.
  - **Tech Stack:** Node.js, Express.js, Socket.IO, JWT, MongoDB, React.js.

## TECHNICAL SKILLS

- **Languages**: C++, HTML, CSS, TailwindCSS, JavaScript, SQL
- **Technologies**: Node.js, Express.js, Next.js, React.js, MongoDB, Git
- **Tools**: Visual Studio Code, GitHub, Postman, Chrome Developer Tools
- **Operating Systems**: Linux, Microsoft Windows
- **Others**: Data Structures and Algorithms, Object-Oriented Programming, Competitive Programming

## KEY COURSES TAKEN

- **Core Courses**: Data Structures, Algorithms, Operating Systems, Database Management Systems, Computer Network
- **Elective Courses**: Machine Learning

## ACHIEVEMENTS

- Qualified for **Round-3** in **Tata Imagination Challenge 2024.**
- Qualified for **Round-2** in **Meta Hacker Cup 2024** ,with a rank of **1675** out of **22,495** participants.
- Secured Rank - **23** among **100+** participants in Coderush IIITU by **AlgoUniversity**.
- Solved **420+** problems on **Leetcode** & **GeeksforGeeks** combined.
- Max Rating - **1612(3 star)** on **Codechef.**
- Max Rating - **1144(Newbie)** on **Codeforces**, Solved **180+** Questions.
- Secured Rank - **1** among **all** participants in **Robo-Drive-Event** at IIIT Una's Techfest **Meraki**.