

# Pawan Kumar Thakur

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## Objective

I am a highly motivated software developer with expertise in web development, C, C++, Java, MySQL, React, and SQL-based data analysis. I am passionate about building innovative applications and collaborating with dynamic teams to solve complex technical problems.

## Education

### YBN University

Bachelor of Technology (Software Engineering)

CGPA: 8.5

Ranchi, Jharkhand, India

2023–2027

### Saraswati Sishu Vidya Mandir

Higher Secondary Education

Percentage: 74%

Ranchi, Jharkhand, India

2021–2023

### St. Columbus School

Secondary School

Percentage: 65%

Ranchi, Jharkhand, India

2019–2021

## Skills

**Programming Languages:** C, C++, Java, Python (Strong foundation in Object-Oriented Programming)

**Libraries:** Pandas, NumPy, Scikit-learn, TensorFlow

**Development Technologies:** HTML5, CSS3, ReactJS, Node.js, MS-SQL

**Soft Skills:** Problem-solving, Teamwork, Time Management, Good Listener

**Tools:** VS Code, GitHub, IntelliJ, MS-DOS, Code::Blocks, Figma, Jenkins, Git, Postman, Swagger

## Experience

### Eimples Lab

Software Engineer Intern

Remote

June 2023–Present

- Designed and developed an intuitive and responsive UI for the Admin Panel.
- Implemented a structured component-based architecture using ReactJS.
- Used Material-UI (MUI) library to build interactive UI components and layouts.
- Worked with React Router and BrowserRouter for smooth navigation between pages.
- Debugged and optimized code to improve performance and maintainability.

## Projects

### Research Work: Brain-Computer Interface Progress for Smart Wheelchair Applications

- Conducted in-depth research on Brain-Computer Interface (BCI) technologies and their applications in smart wheelchairs.
- Analyzed various BCI methodologies and their effectiveness in real-world accessibility solutions.
- Submitted a research paper, "40 Years of Progress on Brain-Computer Interface Methods for Smart Wheelchair Applications."

## Extra-Curricular Activities

Organizing member of Design Hackathon 2024 at YBN University, Ranchi.

Active member of the coding club at YBN University.