

# Pratik Prakash Patil

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## Education

**Indian Institute of Technology (Indian School of Mines) Dhanbad**

Bachelor of Technology in Mineral and Metallurgy (GPA: 7.63)

Expected May 2025

Dhanbad, Jharkhand

**Sarvodaya Sr. Sec. School Kota, Rajasthan**

Central Board of Secondary Education 12th (Percentage: 82%)

April 2020

Kota, Rajasthan

## Experience

**Agrivision4U**

Backend Developer

May 2024- June 2024

Remote

- Developed the backend for blog section using **Node.js** and **Express.js** to ensure high performance and reliability.
- Integrated **MongoDB** for efficient storage and management of blog content.
- Developed password recovery and email verification features, enhancing user security by allowing users to reset passwords and verify their email addresses.

## Projects

**Contest Reminder Extension** | JavaScript, HTML, CSS Puppeteer.js, Node.js

[Github](#)

- Developed a Microsoft Edge extension to notify users about upcoming Codeforces contests.
- Built using **JavaScript**, **HTML**, **CSS** with **Puppeteer.js** and **Node.js** for web scraping.

**BillBuild** | C++, OOPS, FileHandling

[Github](#)

- The project focuses on creating a billing system that allows users to select and manage products, simulating a real-world retail environment.
- It includes functionalities for updating, and deleting products, helps users to understand billing processes.

**MERNchat** | MongoDB, Express.js, React, Node.js

[Github](#)

- Developed a real-time chat application using the **MERN stack**. Integrated WebSockets with **Socket.io** to enable real-time messaging and instant notifications.
- Implemented file uploads and media sharing within chats using **Multer**.

## Technical Skills

**Languages:** C++, C, Python

**Full Stack Development:** HTML, CSS, JavaScript, React.js, Express.js, jQuery, Bootstrap, Node.js, Git, Github, EJS, SQL, MongoDB, Postgres, NoSQL

**Data Structures and Algorithms (DSA), OOPS, DBMS, Operating Systems (OS)**

## Sports Programming

Platform	Handle	Problems Solved	Max Rating
Codeforces	<a href="#">Pratik-1732</a>	350+	1440 (Specialist)
LeetCode	<a href="#">Pratik Patil</a>	100+	1680 (Knight)
CodeChef	<a href="#">pratik-1732</a>	200+	1730

## Achievements

- Global rank of 156** in CodeChef Starters 148
- Secured **3rd rank** in ACIC Hackfest 2023 organized by IIT (ISM) Dhanbad
- Secured **third position** in Chem-e-Code, in Concetto 2022 (Tech-fest of IIT(ISM) Dhanbad)
- Solved over **1000+** algorithmic problems over various platforms.

## Social Engagements

**Volunteer:** at FFI - NGO run by students of IIT Dhanbad to educate underprivileged childrens.

**Sports-Engagements:** Badminton, cricket, football.