

Prashant Rao

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B.Tech - Civil Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Indore	7.07 (Current)	2020-Present
Senior Secondary	CBSE Board	89.6%	2020
Secondary	CBSE Board	80.2%	2018

PROJECTS

- **Sociopedia** Sep 2023 - Oct 2023
Self -> Deployed Link Github
 - Developed a social media web app using React and Node.js, incorporating image posts, likes, comments, user registration, and friend requests.
 - Implemented real-time updates, user authentication, cloud storage, and friend request functionalities, ensuring a comprehensive user experience.
 - Tech Stack: React, Node.js, Express.js, JWT authentication, MongoDB, Material UI, Multer, Formik & Yup.
- **Bank Management Application** July 2023 - Oct 2023
Self Github
 - Developed a Web-Based Bank Management application for keeping track of bank activities like account creation, loan, withdrawal Deposit.
 - Bank Manager can approve or reject the request for a loan.
 - Strengthened data security with role-based access control, ensuring data privacy and safeguarding against unauthorized access.
 - Key features: User authentication, account management, transaction processing, and reporting.
 - Tech Stack: HTML5, CSS, Flask, Python, and MySQL database
- **Real Time Chat Application** May 2022 - June.2022
Self GitHub
 - A user-friendly real-time chat platform.
 - User can connect with others using Room id.
 - Tech Stack: Using Django as backend, AJAX for instant data exchange, and designed responsive interfaces with HTML, CSS, and JavaScript to ensure a seamless and engaging user experience.

TECHNICAL SKILLS

- **Programming:** C++(proficient), Python, Javascript
- **Tools/Frameworks:** HTML, CSS, Bootstrap, React, Node.js, git/GitHub, Vs-code, Django(basic)
- **Miscellaneous Skills::** Competitive Programming, Data Structure and Algorithms, Problem Solving

KEY COURSES TAKEN

- **Programming:** Data Structure and Algorithms, Web Development bootcamp
- **Computer Science:** Database Management System, Computer Networking, OOPS
- **Civil-Engineering:** Structural-analysis, Solid mechanics
- **Mathematics:** Linear Algebra, Calculus, Numerical Analysis, Complex Analysis

ACHIEVEMENTS

- **Specialist at Codeforces:** Max-Rating 1407 (profile link)
- **3-Star coder at Codechef:** Max-Rating 1704 (profile link)
- **AIR 3- WE CODE CHALLENGE :** Organised by Graphic Era Hill University among 2K participants. (ckft link)
- **Global rank 5:** Codechef Cook-Off-feb div(3) among more than 15k participants
- **Global rank 65:** Codechef starter-60 div(2) among 20k participants
- **Global rank 127:** Codechef long challenge Nov 2022 div(3) among 15k participants
- **Global rank 135:** Codechef long challenge sept 2022 div(3) among 20k participants
- **GFG institute rank 22:** Solved more than 450 problems (Profile link)
- **Problem solved:** Solved more than 1000 problems based on Data Structure and Algorithm from platforms including Codeforces, Codechef, GFG, and Leetcode using C++.