

Ritik Singh

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EXPERIENCE

Product Technology Intern - Automation Testing

June 2023 - Aug 2023

Barclays

- Collaborated with a team of software engineers to develop and implement **automation testing** solutions.
- Delivered Karate framework training to new joiners, resulting in a **5% increase** in team working efficiency.
- Developed a dynamic web app with ReactJS and NodeJS, featuring a user-friendly testing UI. **Reduce code testing time by 10%**, simplifying testing for users unfamiliar with IDEs.
- **Git and GitHub** for version control, enabling efficient collaboration and streamlined code integration.
- Actively participated in code reviews and debugging sessions to identify and resolve issues promptly.

Teaching Assistant

Aug 2022 - Nov 2023

TLE Eliminators

- Teaching various programming algorithms to over **2000 undergraduates** with varying skillsets.
- Taking classes on various topics of DSA for the students.
- Taking one-on-one mentoring session with the students.
- Hosting group sessions with students to clear their doubts and solve their issues.

TECHNICAL SKILLS

Languages: C/C++, Java, JavaScript, HTML/CSS.

Frameworks and Developer Tools : React, Node.js, Tailwind-CSS, Git, GitHub, VS Code, Karate Framework.

Soft Skills: Teamwork, Leadership.

Technical Courses: Data Structures and Algorithms, Operating Systems, Database Management Systems, OOPS.

PROJECTS

Edtech Platform - [Github Link](#) | *React, Tailwind-CSS, NodeJs, ExpressJs*

May 2023 – July 2023

- Led the development of a feature-rich edtech platform encompassing authentication and authorization functionality to ensure secure user access.
- Enabled students to purchase courses and integrated secure payment gateways to facilitate seamless transactions.
- Developed a review system, allowing students to provide feedback and ratings for the courses they completed, fostering a community-driven learning experience.
- Collaborated with a multidisciplinary team, including designers and developers, to deliver a user-friendly and visually appealing interface.
- Implemented an intuitive instructor interface, empowering instructors to create and manage courses seamlessly.

EDUCATION

Nutan Maharashtra Institute of Engineering and Technology (NMIET)

2020 - 2024

Bachelor of Technology in Computer Science and Engineering

CGPA: 9.30

ACHIEVEMENTS

- **ACM ICPC Regionalist 2023** (NMIET College Top Performer).
- Secured **India Rank 242 and Global Rank 1372** in Meta Hackercup Round 2 (20000+ Participants)
- Secured **Global Rank 83** in Codeforces Round 827 (Div 4) (34000+ Participants)
- Secured **Global Rank 934** in Codeforces Round 873 (Div 2) (16000+ Participants)
- Secured **India Rank 1456** in Google Kickstart round
- Codeforces: Maximum Rating – **1556 (Specialist)** — India Rank under 2000 (47,000 participants) [Profile](#)
- Secured **16th position** in TeamCode Coding Contest (500+ Teams).
- Secured **India Rank 561** in ICPC India 2021 Preliminary Online Round (5000+ Teams)
- Secured **Global Rank 491** in CodeChef Starters 36 (Division 2) out of 6000+ participants.
- Solved over **2000+** Algorithmic Problems on CodeForces, Atcoder, LeetCode, CSES, CodeChef, GFG