

ANMOL RATAN TIWARI

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EDUCATION

B.Tech, College Of Engineering Roorkee

2020 - 2024

CGPA : 8/10

SKILLS

Technical Skills	Java, HTML, CSS, JavaScript, Git/GitHub, MongoDB, ExpressJS, Node.JS, SQL
Subjects	DSA, OOP, Operating System, Computer Network, Database Management Systems

EXPERIENCE

Educator

February - March, 2022

Unacademy Codechef

Remote

- Introduced Competitive Programming to more than 300 students in a live batch of starters.
- Mentored over 300 students by providing guidance on Object-Oriented Programming (OOP) principles and effective problem-solving strategies, resulting in improved code efficiency and optimal solutions.
- Covered the top 10% of problems for beginners and taught debugging techniques, which increased debugging skills by 100%, finding the edge and base cases of a task. Solved coding problems in a live batch.
- Developed detailed lesson plans focusing on Java basics for new programmers, covering key topics such as loops and conditional statements while reaching around 300 learners during live classroom sessions.

PROJECTS

Campus Dev Match , [Live](#), [\(GitHub\)](#), [Video](#)

- Designed and developed a web platform that connects students, enhancing collaboration based on skills, course, and year.
- Matching system that connected over 10 students with coding buddies based on their skills, course, and year, fostering effective collaboration and skill development.
- Achieved **3rd Prize Excellence** in the Dwarahat B.T.K.I.T. Ideathon for **Campus Dev Match** project.
- **Soft Skills** : Presented the idea, led a team of three members, and participated in QA session.
- **Tech Stack** : Node.js, MongoDB, Express, Bcrypt, Cookie-parser, jsonwebtoken(JWT) and Validator.

Signature, [Live](#), [\(GitHub\)](#)

- an innovative feature within the Live Signature Web Application for real-time signature editing; improved processing speed by reducing average signing time from 10 minutes to just 3 minutes, enhancing overall productivity
- **Tech Stack** : HTML, CSS, JavaScript.

ACHIEVEMENT

- Completed **Java DSA Course** Master the Fundamentals and Beyond in 2 Month. Include Increase problem solved by 20% [Certificate](#)
- Attained a distinguished Maximum **4-Star Rating on Codechef**. By participating in 30 contests.[Profile](#) [Profile](#)
- **Semi-Finalist** in TechGig Code Gladiators 2022, among 356,048 participants. [Certificate](#)
- Attained the **14th** position in the International Coding Challenge cognizance hosted by **IIT Roorkee**

EXTRACURRICULAR ACTIVITY

- 30 hr **Java Workshop**, taught 1st and 2nd-year students java, Object-Oriented Programming (OOPs) Concepts and how to approach a task. Conducted two contests based on Java Data Structure and Algorithms and language syntax. The total participation of the students was more than 200 students. [Workshop](#)