

# Deepesh Rathore

Roll No.:22317

B.Tech - Information Technology

Indian Institute Of Information Technology, Una

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Github | Website

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Information Technology, Una	7.77 (Current)	2022-Present
Senior Secondary	CBSE Board	90.2%	2020-21
Secondary	CBSE Board	93.8%	2018-19

## EXPERIENCE

- Druma Technologies** January 2025 – March 2025  
*Software Engineer Intern* Remote
  - Developed and deployed 5+ **RESTful APIs** using Node.js and Express to support image and object recognition workflows, handling **1K+** **authenticated requests/day** with structured JSON responses.
  - Designed and implemented a **token-based API usage tracking and rate-limiting system** using Redis, supporting **10+** **concurrent clients** and preventing API abuse by enforcing request quotas.
  - Improved backend stability by identifying and resolving **20+** **edge cases** including invalid payloads, authentication failures, and race conditions, leading to a **30% reduction in API error rates** during testing.
  - Coordinated with a team of **6+ developers** and submitted detailed reports post-internship.

## PROJECTS

- XpressLine** October 2024 – December 2024  
*React.js, Node.js, Redux, MongoDB, REST APIs, Mapbox, Stripe, Twilio* GitHub
  - Built a **full-stack parcel delivery platform** using React.js, Node.js, Express, and MongoDB, supporting secure user authentication, real-time parcel tracking, and integrated online payments.
  - Designed, developed, and documented **15+ RESTful APIs** following REST principles; validated endpoints using Postman to ensure consistent request handling and response accuracy.
  - Improved system reliability by enhancing error handling and service availability, enabling **real-time API interactions** and secure **payment verification workflows**.
- Wanderlust** July 2024 – September 2024  
*HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, MongoDB* GitHub
  - Created a travel assistance platform enabling users to discover and book hotels and rental properties through an intuitive user interface.
  - Engineered a **secure property management module** allowing authenticated users to create, edit, and delete listings with owner-only access control, improving data security and privacy by **30%+(By eliminating Dictionary and Brute-force attacks)**.
  - Built a scalable **guest reviews and ratings system** that increased user engagement by **25%**, enabling users to share feedback and make informed booking decisions.

## TECHNICAL SKILLS

- Languages:** C, C++, JavaScript/typeScript, SQL, Python, HTML, CSS
- CS Core:** DBMS, OS, CN, OOPS, DSA, Design and Analysis of Algorithms
- Operating Systems:** Windows, Linux
- Frameworks:** React.js, Next.js, Node.js, Express.js, TailwindCSS, Bootstrap
- Tools and Databases:** Git, Github, MongoDB, MySQL, PostgreSQL, PostMan, VsCode, Docker

## POSITIONS OF RESPONSIBILITY

- Project Team Manager**, Practicum, IIIT Una January 2024 - March 2024  
*Led a Practicum Project: (Trackify: Ticket Management System, Team of 3 Members)*

## ACHIEVEMENTS

- DSA Enthusiast**, 800+ Questions Over CodeChef , Codeforces and LeetCode
- CodeChef Rating**, 1695 || 3 Star
- MMVY Scholarship**, Received 100% higher studies scholarship from the Govt. of M.P.
- Bronze Medal**, Coderation, Meraki Fest, 18+ teams, IIIT Una
- Silver Medal**, Pass the Code Base, Yalgaar Fest, 15+ teams, IIIT Una