Deepak Prajapati

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B.Tech - Computer Science and Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.65 (Current)	2022-Present
Senior Secondary	Madhya Pradesh Board	92.6%	2022
Secondary	Madhya Pradesh Board	96.0%	2020

PROJECTS

- **PeerPulse** *Feb. 2024*
  Gold medal in Inter Hostel Technical Competition-Kriti'24 bit.ly/45q6w9y
  – Facilitating project collaboration, networking, and adding course review functionality.
  – Features include **real-time updates**, **discussion forums**, **project rating**, **search using TechStack** and **group chat**.
  – Built with **React JS**, **Node JS**, **MongoDB** , and **integration of OpenAI** for enhanced functionality.

- **NSS Website for IITG** *Apr. 2024*
  Indian Institute of Technology Guwahati bit.ly/3xiebdz
  – Developed a website for the NSS to share information, manage volunteers, announcements and resource sharing.
  – Features include **login functionality** for NSS heads to **create posts** and **add team member information**.
  – Built with **ReactJS**, **Tailwind CSS**, **Node.js**, and **MongoDB**.

- **PathOptimizer** *Jun. 2024*
  Personal Project bit.ly/4eCFGzo
  – Developed **a web mapping platform** to display the shortest path between two places in IIT Guwahati.
  – Implemented **Dijkstra's algorithm** on a campus map represented as a **weighted-undirected graph** to optimize routes, resulting in an average of **95 meters less** and the travel duration got **reduced up to 12%**.
  – Utilized **Flask** for backend server and modeled a **Python-based API** to send data to frontend upon API calls.

COMPETITIVE PROGRAMMING

- **Codeforces**: Max-Rating: **1640** | **Expert** | **Solved 500+** problems | **70+** Contests | Handle: **DeepakPrajapati**
  – Codeforces Round 937 (Div. 4): Secured Global **Rank 337** among 14500+ participants.
  – Codeforces Round 953 (Div. 2): Secured Global **Rank 836** among 13500+ participants.
- **CodeChef**: Max-Rating: **1935** | **4 Star** | Handle: **chaawal25**
  – Starters 106: Secured Global **Rank 73** (in Div-4) among 23500+ participants.
  – Starters 113: Secured Global **Rank 200** (in Div-2) among 25000+ participants.
- **Meta Hacker Cup 2023**: Qualified for Round 2 and Secured Global Rank 4122 out of 20324 participants.

ACHIEVEMENTS

- **KVPY SX 2021**: Secured All India **Rank 760** among 50,000 candidates.
- **Joint Entrance Examination 2022 (Mains)**: Secured All India **Rank 639** among 1 million candidates.
- **Joint Entrance Examination 2022 (Advanced)**: Secured All India **Rank 1830** among 150,000 candidates.
- **Kriti- Inter Hostel Tech Competition 2024**: Secured **rank 1** in Software Development Challenge.

TECHNICAL SKILLS

- **Programming**: C,C++, Python*, JavaScript
- **Web Development**: HTML, CSS, Javascript, Node.js, Express.js, React.js*, MongoDB
- **Miscellaneous**: Git, Github, BASH, Latex* ** Elementary proficiency*

KEY COURSES TAKEN

- **Computer Science**: Data Structures and Algorithms (Theory and Lab), Database Management Systems (Theory and Lab), Digital Design, Design and Analysis of Algorithms, , Computer Architecure and Organization
- **Mathematics**: Linear Algebra, Probability and Random Processes, Number Theory

POSITIONS OF RESPONSIBILITY

- **Core Team** , Coding Club(Competitive Programming Module), IIT Guwahati *Apr. 2024 - Present*
  – Released courses and conducted contests on competitive programming with **1000+** registrations.
  – Conducted multiple contests for internship and placement preparation with **450+** participants.

- **Technothlon Organiser**, Techniche, IIT Guwahati *Mar. 2023 - Sep. 2023*
  – Authored and conducted Technothlon 2023, an international school championship with 30,000+ participants.