



Deepak Kumar

Roll No.:2002139

B.Tech - EE

National Institute Of Technology Patna

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|| Portfolio-website || LinkedIn || Github ||

|| Leetcode || GFG || Codechef || Codeforces ||

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech EE	National Institute of Technology, Patna	8.17 (Current)	2024
Senior Secondary	Modern Public School (CBSE)	86.2%	2019
Secondary	Chaitanya Gurukul Trust Public School (CBSE)	10 CGPA	2017

EXPERIENCE

- SDE Intern** **Certificate**
TRAILSHOPY Pvt.Ltd. may 2023-july 2023
 - Increased web app performance by 20 percent by implementing efficient CRUD operations and optimizing routes.
 - Improved user experience by streamlining the backend and reducing response times.
- Freelance Problem Setter** **Offer letter**
Physics Wallah(PW) Sept. 2022 - Dec. 2022
 - Crafted compelling and challenging problem sets for online courses, enhancing student learning through real-world scenarios and interactive elements to boost engagement and comprehension.

PROJECTS

- Hotel Management App** *July 2023 - Aug. 2023*
C++, OOPs **Github Link 1**
 - Designed and developed a web app that manages hotel reservations and operations, enhancing guest experiences by providing features such as real-time room availability, personalized recommendations, and a seamless booking process and reduced web app response times by 20 percent.
- Hackbreeze app** *GDSC NIT Patna(2022-23)*
HTML, CSS, Bootstrap,Next.js , Node.js , MongoDB, ExpressJS ,NextAuth,Redux **Github Link**
 - Architected and implemented a resilient backend for a hackathon platform, adeptly managing high traffic loads to deliver an exceptional user experience.
 - Implemented features such as user authentication, real-time data synchronization, and intuitive navigation to enhance functionality and improve the overall user experience.
- Electricity consumption prediction using machine learning** *Aug.2023-Nov.2023)*
Python,Pandas,Numpy,Matplotlib,Seaborn,Scikit-learn **Github Link**
 - successfully implemented advanced ML algorithms. Achieved notable results, including a 0.9149 R2 score with Random Forest and an outstanding 0.9930 score with K Nearest Neighbors in power consumption predictions.

TECHNICAL SKILLS

- *Programming:** C(Basic), C++ , Python(IIT Madras certificate)(Basic), JavaScript(Basic), HTML/CSS
- *Fundamentals:** Operating System, OOPS, DBMS, DSA
- *Libraries/Frameworks:** Node.JS, Express.JS, Axios, mySQL, mongoDB, Numpy, Pandas, Matplotlib, Scikit-learn
- *Developer Tools:** Git-hub ,Figma, Canva
- *Databases:** MySQL and also experience with Google Workspace and Microsoft Office Suite
- *Other:-**
 - Outstanding verbal communication, proficiency in market analysis and stock statistics, skilled in managing challenging personalities.

ACHIEVEMENTS

- (Silver Zone Foundation)IOM-Gold Medal**,Cleared International Olympiad of Math (Silver Zone Foundation) with **State Rank - 02.** Certificate
- (Silver Zone Foundation)IOS-Gold Medal**,Cleared International Olympiad of Science (Silver Zone Foundation) with **State Rank - 02.** Certificate
- NSS**,Actively engaged with Sankalp, the National Service Scheme (NSS), contributing to the education of underprivileged children in the college vicinity.

PROGRAMMING

- CodeChef**, Attained a **(1901) rating** with **4-star** proficiency . Code chef
- GeeksForGeeks**,Top **25** out of **3100** registered at NIT Patna. GFG/deepak
- Leetcode**,Accomplished a **(1873) rating**, earned **Knight Badge** mastered 1200+ DSA problems Leet Code

POSITIONS OF RESPONSIBILITY

- Web Co-Lead**,Google Developer Student Club (GDSC),| NIT Patna *Aug. 2022 - Aug. 2023*
- Design Head**, Yoga Club,| NIT Patna *Apr. 2021 - Apr. 2022*