

Prateek Baranwal

+91 9838565212 | prateekbaranwal4@gmail.com | LinkedIn

EDUCATION

Indian Institute Of Technology (BHU), Varanasi <i>Integrated Dual Degree (B.Tech.+M.Tech.) CGPA - 9.14/10</i>	July 2018 – May 2023
Central Public Sr Sec School, Kota <i>CBSE XII - 84.00%</i>	Apr 2017 – Mar 2018
St. Xaviers School, Jaunpur <i>CBSE X - 93.10%</i>	Apr 2015 – Mar 2016

TECHNICAL SKILLS

Languages: C++, Javascript (Basic), SQL (Basic).
Areas Of Interest: Data Structures and Algorithms, Backend Development.
Frameworks: Node JS (Basic), Express JS (Basic), React JS (Basic)
Certified Courses: Computer Programming, Introduction to Web Development, SQL.

EXPERIENCE

Backend Internship Fantiger <i>Music NFT marketplace working to create a decentralized community for Artists and their fans</i> <ul style="list-style-type: none">Designed and developed an API to handle data processing using Kafka Confluent to store data.Implemented robust retry mechanism for data transmission to different servers for analysis.Utilized KafkaJs as a node module to effectively utilize Kafka Confluent in a NodeJs environment.	May 2023 – Present
Software Development Internship Locofast <i>Leading tech-enabled platform for textile procurement services in India</i> <ul style="list-style-type: none">Worked with the backend team to design and developed new features for the assigned applications.Integrated International customer functionality into existing codebase designed for national customers.Coordinated with Tech and Product team in the identification of user's requirements.Incorporated SDLC using tools like Jira, and Bitbucket while building and testing the features.Used technologies like Node JS, Nest JS, Objection JS, and SQL.	May 2022 – July 2022
Web Development Demux Academy Github <i>The application gets movie data from the OMDb server and projects it in an organized manner.</i> <ul style="list-style-type: none">Developed a Movie Search Web Application using third-party API.Set up an AWS EC2 web server and configure it through virtual Hosting.Uploaded the project over Github and pulled the master branch to my server.Tech involved includes AWS EC2 Ubuntu Image, Node JS, Express JS, Bootstrap, and Version Control.	May 2021 – June 2021

PROJECT

Blog Post Application Github <i>The application allows users to post, edit and delete their blogs with Admin control.</i> <ul style="list-style-type: none">Developed a backend in which I built API for CRUD operation using proper validation.Created a database using MongoDB for storing candidate and blog details.Designed a frontend that includes a login page, signup page, and homepage all with specific validation.Tech Exposure Node JS, Express JS, MongoDB, and React JS.	Dec 2021 - Jan 2022
Monte-Carlo Simulation on Molecules <i>Computational algorithms that rely on repeated random sampling to obtain numerical results.</i> <ul style="list-style-type: none">Developed an algorithm in C++ which performed simulation on a closed system of molecules to get LJ Energy.Analyzed the change in LJ Potential Energy by randomizing the position of molecules using MS-Excel.	Mar 2021 - Apr 2021

HONORS AND ACHIEVEMENTS

- Secured a Global Rank 451/12,000+ in Leetcode Biweekly Contest #58.
- Secured a Global Rank 739/10,000+ in Google Kickstart 2022 Round F.
- Solved more than 1,500+ data structures and algorithmic problems on various online websites, and contests.
- Rated 1728 on **Leetcode**, Specialist on **Codeforces** and 3-Star on **Codechef** with proficiency in C++.
- Secured a Global Rank 433/30,000+ in Qualification and 1,215/12,000+ in Round 1 of FB Hacker Cup 2021.