

# VISHESH KUMAR JHA

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## Education

**Guru Gobind Singh Indraprastha University**

**Nov 2021 - June 2023**

*Master of Computer Application; CGPA: 9.1*

*Delhi, India*

**Guru Gobind Singh Indraprastha University**

**Aug 2018 - Aug 2021**

*Bachelor of Computer Application; CGPA: 9.38*

*Delhi, India*

## Experience

**Neo Group**

**May 2023 – Present**

*SDE I* *New-Delhi*

- Implemented robust **AES encryption** with PKCS7 padding for secure 4 TPA redirections, demonstrating an unwavering commitment to safeguarding data integrity.
- Automated the weekly payment report as a cronjob and achieved an impressive **89%** reduction in API time using a high-performance **celery worker**.

**Wattmonk Technology**

**March 2023 – May 2023**

*Node.js Intern*

*Remote*

- Developed and deployed **Restful APIs**, including User Address API for efficient address retrieval based on city, achieving a remarkable **76%** enhancement in user experience.
- Optimized communication, order management, and data retrieval through the integration of Twilio Message API and implementation of Cancel Prelim request API and Database Indexing API, resulting **85%** reduction in time and effort.

**Nagarro India**

**June 2022 – Sept 2022**

*Associate Engineer Trainee(Intern)*

*Remote*

- Developed small projects including a Movie search app, To-do list, Google form validation during MERN stack training.
- Led the creation of a robust **social media** 🔄 platform replica with functionalities including chat, posting, retweeting, liking, pinning, post deletion, and profile customization.

**Hackveda**

**May 2020 – August 2020**

*Data Scientist Intern*

*Remote*

- Contributed to training house dataset to predict price of house and increased model accuracy from **67%** to **95%**.
- Designed an impressive **system** 🔄 leveraging **OLS Model** and bootstrapping techniques for exceptional accuracy.

## Projects

**YourCarBuddy** 🌐 | *Python, AWS, Supervised ML, GBT Model, Dataiku*

- Machine Learning-System that predicts your accident risk zone throughout the road trip with **91% accuracy**.
- It is based on supervised machine learning and use the GBT model to preprocess, transform, and boost fit weak learners in order to produce a single strong learner.

**Twitter Clone** 🌐 | *Javascript, Node .js, MongoDB, Express .js, EJS*

- Developed a Twitter clone using React and Node.js, with real-time messaging functionality and user authentication.
- Architected and executed the development of the database schema and **RESTful API** for user registration, login, and profile management

## Technical Skills

**Languages:** C++, Python, JavaScript SQL

**Tools:** GIT, Github, MySQL, Oracle apex, VS code, Postman

**Frameworks:** Node .js, Express .js, Django

**CourseWork:** **Data Structure and Algorithm**, Object Oriented Design, Operating System, DBMS, Computer Networks

**Others:** Linux, Windows, **AWS**

## Achievements

- 4 star** coder at Codechef with **1900+** rating.
- College Rank-1** in BCA (2018-21) [Ranklist](#) 🔄
- AIR-1581** Global Rank 3782 in Google HashCode 2022 out of 35k participants. [Certificate](#) 🔄
- AIR-1294** Global Rank 4239 in Google CodeJam 2022 out of 30k participants. [Ranklist](#) 🔄
- 11 Articles** published on GeeksforGeeks with **500k+** views. [Articles](#) 🔄