# Neeteesh Kumar

+91-6260807946

neeteesh205@gmail.com

github.com/neeteeshk

https://neeteesh.herokuapp.com/

linkedin.com/in/ntsk626

## Education

| Degree/Certificate | Institute/Board | CGPA/Percentage | Year |
|---|---|---|---|
| B.Tech. | Maulana Azad National Institute of Technology, Bhopal | 7.82 /10 | 2017 - 2021 |
| Senior Secondary | CBSE Board | 89.2% | 2015-2016 |
| Secondary | CBSE Board | 9.8/10 | 2013-2014 |

## Experience

- **Software Engineer Application - ZS Associates (📅 July 2021 – Present)**
  - Working with Platform Foundation team.
  - Working on Authentication and Authorization IDM project using OAuth 2.0 and Okta.
  - Tools – Java, OAuth 2.0
- **Software Development Intern - Amazon ( 📅 Jan 2021 – July 2021)**
  - Worked with Tax Platform Services Team of Amazon Hyderabad.
  - Help onboarding new countries for tax calculation and invoice generation.
  - Onboarded a new country on Amazon's Invoice Generation platform.
  - Designed & implemented an end-to-end tool to get some list on UI in **pagination** format and in **downloadable CSV format** by querying in backend.
  - Tools-- **Lambda**, **Dynamo Db**, **S3**, **Athena** and various other **AWS service**. Used **Java & Spring Framework** for implementing backend APIs and used **React** and **Typescript** for implementing User Interface.

## Projects

- **Smart Attendance Management System**
  - A web and Machine learning based application
  - This application has feature of marking the attendance of student based on the face detection algorithm.
  - Web portal is for helping student to check their current attendance of every subject, and a feature of receiving warning mail at the weekend if attendance is less than some threshold value.

- **Design And Implementation of Robotic Autonomous Car**
  - Designed a monocular vision autonomous car prototype using Raspberry Pi as a processing chip. An HD camera along with an ultrasonic sensor is used to provide necessary data from the real world to the car.
  - Many existing algorithms like lane detection, obstacle detection is combined together to provide the necessary control to the car.

- **Student Verification System**
  - Designed and implemented a Student Verification system. Using web portal students can add the required documents and admin can approve those documents. I am still working on this for automatic verification of some of the documents based on QR codes on that document.

## Technical Skills

- **Skills**: C, C++, Java, Python, AWS, MySQL, ReactJS, JavaScript, DynamoDB, AngularJS, NodeJS, Android Studio

## Key Courses Taken

- **Data Structures and Algorithms**
- **Software Engineering**
- **Digital System Design**
- **Operating System**
- **Databases**
- **Computer Networks**

## Certification

- **Data Base Management System** by NPTEL
- **Python for Data Science** by NPTEL
- **Machine Learning** by Udemy
- **Android App Development** Training by Internshala.

## Achievements

- **National Means Cum Merit Scholarship**
  - Among 1000 student who received scholarship from out of more than 1 million students from all over India.
- **Competitive Coding Platform**
  - Highest rating of 1815 on **Hackerearth**, 1712 on **Codeforces** and 1910 on **Codechef**. 6-star problem solver on **Hackerrank**. Solved more than 500 questions on **Leetcode**.