

# Vineet Alok

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🌐 VineetAlok

## Education

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### **BTech in Computer Sciences, AIML Specialization**

*The Northcap University*

2020 – present

Gurugram, India

Cumulative GPA till now: 8.19/10

Relevant Coursework: Reinforcement Learning, Data Structures, Applied computational statistics,

Discrete Mathematics

## Professional Experience

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### **Tata Prashikshan – 2022 Internship**

*TATA STEEL jamshedpur -Jharkhand*

2022

jamshedpur, India

Project title: A cross-platform App to scan and generate optical characters(Barcodes, QR codes)

- Worked on a cross-platform framework Flutter and its various libraries for developing the scanning and generating optical character feature of the App.
- Integrated for both ios and android, its authentications, permissions, Front-end, and version problems. Separate login UI for Admin and employees.
- Researched other frameworks and languages like react, javascript and dart.

## Projects

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### **Rio**

*An AI voice assistant*

- Developed a prototype of an Alexa-like AI voice assist device using python, machine learning, and Raspberry Pi.
- Integrated it with the wake-up word 'Hey Rio' and an accuracy of 95%.

### **Volunteer Service Manager**

*Python Gui based project which enabled tracking community service hours by the folks.*

- It was a team project provided by the university. My part was to develop the front end of the application (login page, separate UI for faculty and students).
- Used firebase for login of faculty and students individually.

### **Parry**

*Self Learning AI chat bot*

- Created an AI chatbot using neural network and machine learning with a database.
- If the query is not present in the database it will google search and then update the database thus reducing the time complexity.

## Skills

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- Programming languages : Python , Java
- Development framework: Flutter , html . css , wordpress , elementor
- AI-ML Algorithms
- Libraries: Pandas , numpy .NLTK,Matplotlib, Seaborn, Scipy and Flutter packages.

## Awards

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### **Google Hash Code**

*Gold badge - 1659324 pts*

2022/02/24

### **INEA-SERB Youth Conclave -2022 IIT Jodhpur**

*My team and I was selected for the final round of the Hackathon which was held at IIT jodhpur.*

2022/10/19

## Certificates

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### **AWS Academy Machine Learning Foundations**

Amazon web services

### **Python full-stack developer Masterclass**

Udemy

### **Java Programming**

Great learning academy