


# Dishant Kumar Soam

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## About Me

Dedicated and innovative Computer Science Engineering student with a focus on Artificial Intelligence and Machine Learning. Proficient in developing robust software solutions and mobile applications, with hands-on experience in integrating machine learning models. Demonstrated expertise in backend development, data analysis, and API integration, coupled with a strong foundation in programming languages such as Python and Java. Known for delivering high-quality projects that solve real-world problems, enhancing user experiences, and driving efficiency. A proactive learner with a passion for emerging technologies, consistently recognized for academic excellence and leadership skills in collaborative environments.

## Skills

- Python, Java, HTML, CSS, C++, JavaScript
- SQL, Firebase, TensorFlow, Scikit-Learn, Android Studio, NumPy, Pandas
- Machine Learning, Data Structures & Algorithms, Backend Development, API Development, OOP, System Design

## Education

Bachelor of Technology in Computer Science Engineering

*Bennett University | Greater Noida*

Specialization: Artificial Intelligence and Machine Learning  
2022-2026

Senior Secondary School

*Delhi Public School | Meerut*

Science Stream  
2022

## Projects

### BU Notes

*Android Application | Java, Firebase, UI/UX*

- Spearheaded the design and deployment of a comprehensive academic platform specifically for Bennett University, aimed at streamlining study resources for students.
- Successfully reached **1.2k+ downloads** within two days of launch, serving students with easy access to notes and study materials.
- Spearheaded the design and deployment of a comprehensive academic platform specifically for Bennett University, aimed at streamlining study resources for students.
- Used Java, XML, Google Firebase (cloud storage, real-time database, user authentication)

### EaseRide

*Android Application | Java, Firebase, UI/UX, APIs*

#### Top -5 Productathon AI, IIT Roorkee

- Developed a vehicle-sharing app aimed at promoting eco-friendly transportation by reducing individual car usage and carbon emissions by 20%. Packed with smart contracts to ensure secure transactions, and various machine learning models.
- Led the development of the Android app, including designing the user interface, integrating machine learning models, and connecting various APIs.

### Kclery

*Windows Software | Python, PyQt*

- Engineered an AI-driven personal assistant for Windows, supporting voice commands.
- Built a music search system, a voice search web, and custom commands for multitasking.

### TripLot

- Leadership, Problem Solving, Time Management, Collaboration, Adaptability

## Certifications

- DeepLearning.AI: Supervised Machine Learning: Regression and Classification
- DeepLearning.AI: Advanced Learning Algorithms
- DeepLearning.AI: Unsupervised Learning, Recommenders, Reinforcement Learning
- Google: The Bits and Bytes of Computer Networking
- Microsoft: Introduction to Computers and Operating Systems and Security
- DeepLearning.AI: Improving Deep Neural Networks: Hyperparameter Tuning, Regularization, and Optimization
- IBM: Introduction to Machine Learning Specialization

## Languages

- English (Fluent Proficiency)
- Hindi (Native Proficiency)

## Interests

- Android Development
- Artificial Intelligence & Machine Learning
- Software Development
- Project Management

*Android Application | Java, Firebase, Backend Integration, UI/UX*

- Designed and implemented a ride-sharing platform for university students, facilitating easy and affordable transport solutions for users.
- Developed features allowing users to choose preferred ride partners.

### SecVin

*Multipurpose Recognition System | Python, OpenCV*

- Created a robust facial recognition system for security and attendance tracking, integrating alarm systems for unauthorized access detection.
- Delivered a 98% accuracy rate within a 2-foot detection range, enhancing security protocols in educational institutions.

### BUGO

*Utility Application | Java, Firebase, UI/UX*

- Developed a multipurpose utility app for college students, incorporating tools like timetable management, lecture notifications, and faculty meeting scheduling.
- Significantly improved student engagement by providing essential academic tools in a single, user-friendly interface.

## Experience

### IITI DRISHTI CPS FOUNDATION

*Backend Developer*

November 2023 – Present

- Implemented backend solutions focused on Artificial Neural Networks (ANNs), contributing to a 15% improvement in data processing efficiency during a transformative internship.
- Conducted in-depth research on GloVe and Word2Vec models to enhance NLP capabilities, improving the accuracy and relevance of contextual embeddings.
- Collaborated with cross-functional teams to integrate insights from advanced research, leading to significant progress in machine learning projects and improving overall project performance.

## Awards & Achievements

- Ranked in the top 3% of the batch during the 1st Semester
- Dean's List award recipient for the 3rd Semester.
- Placed 92nd out of 1,500 in the BU Industry Hackathon.
- Secured a special mention at IITR Productathon AI.