

Devraj Dixit

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Personal Profile

A University graduate student who is enrolled in the Junior Full Stack Developer programme. Dedicated to software engineering, having Six months expertise, and specialising in full-stack web development, algorithms, and AWS.

Education

United College Of Engineering And Research

Greater Noida, India

B.Tech in Computer Science

Aug 2018 - Sept 2022

- Passed with Distinction
- Specialised in Computer Science

Work Experience

Sept 2022 - Dec 2022

JP Morgan Chase CO. Virtual Software Engineering Intern Sept 2022 - Dec 2022

- Collaborated with a four-person team to develop a CNN model that utilised YOLO as a foundation to improve the accuracy of ambient lighting conditions in the Mobile net architecture.
- Automated and optimised the data handling process for traffic signs, working with Ubuntu 20.04 did shell scripting, and employed other Linux tools.
- Significantly boosted the model's accuracy by 60%, which was yielding an accuracy of 70-78% under Indian street light. The older models, had an accuracy of 10-15%.
- Technical Skills:** Python with PyTorch, NumPy, Matplotlib, Pandas, Scikit-learn, C++, Ubuntu Linux, Linux tools, Apt, Scripting, Git.
- Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

University Projects

Self Nourishing Plant Pot Using IOT

United College Of Engineering

Research

Feb 2022 - Apr 2022

- Analysing data from soil and discover patterns in the data that show trends of .
- Study data to know the trends of th system.
- Specific case studies were traced back to trends seen in the UK and how they affected the nourishment of plant
- Technical Skills:** IOT, C++.
- Soft Skills:** Time Management, Teamwork, Presentation skills, Report writing.

IPL Analysis

United College Of Engineering And Research

Nov 2021 - Dec 2021

- Analysing data from 2008 to 2018 to discover patterns such as trends, correlations, and probabilities.
- Finding the differences between the best teams and players in various fields, as well as their performance on the field and the opponents.
- Technical Skills:** Python with Pandas, matplotlib, Seaborn.
- Soft Skills:** Presentation skills, Leadership, Teamwork, Logical Thinking.

Skills

Programming Python (Pandas), Java, HTML/CSS, JavaScript, SQL.

Miscellaneous Linux, Shell (Bash), Firebase, Git.

Soft Skills Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Achievements

2017 **Level 1**, National Talent Search Exam (NTSE)

India

Certifications

Interests

Cooking	I love cooking. I am an expert in most Indian-style cooking, enjoy baking and making my own pizza.
Programming	Since 2018, I have been in love with Technical subjects.
Technical Writing	I write descriptive blogs about programming and technical subjects
Video Games	I always had the gaming gene. I mostly play on my phone and occasionally on my PC.
Swimming	I started swimming when I was 12. Going through submerged things while holding my breath was the most exciting part.

Languages

English	Professional proficiency
Hindi	Native proficiency