

Jayant Batra

Final Year CS Undergrad

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Education

Bachelor's in Technology - CSE

Manipal Institute of Technology
CGPA - 7.2

XII - Standard

Sidhartha Public School, Delhi
Score - 83%

X- Standard

Christ Raja Convent School, Jind
Score - 87%

Certifications

- **Forage** - Software Engineering Virtual Experience By JP Morgan Chase & Co.
- **Coursera** - Introduction to Big Data
- **Coursera & Google** - Foundation of Project Management
- **Coursera** - Big Data Modeling & Management Systems
- **Coursera** - Big Data Integration and Processing

About

As an ambitious final year CSE student, I am deeply passionate about software development, Machine Learning, and web development. Proficient in Java, JavaScript, React.js, TensorFlow, and Node.js, I am eager to contribute my problem-solving skills and expand my expertise. Seeking opportunities to learn, grow, and make a positive impact, I am determined to leverage my knowledge for the betterment of projects and teams.

Skills

- **Languages** - Java, C, Python, JavaScript, HTML, CSS
- **Technologies and Framework** - React JS, Node JS, Git/GitHub, MongoDB, Lerna, TensorFlow, DialogFlow, Express JS
- **Areas of Interest** - Data Structures & Algorithms, Web Development, Deep Learning, Machine Learning

Work Experience

Summer Intern

June - July 2023

GlobalLogic | Noida [GitHub](#)

- Led **end-to-end development** of a sophisticated eCommerce site using **MERN stack**, providing seamless shopping experience.
- Pioneered **innovative functionalities like audio search** for products and **intelligent chatbot** powered by **Dialogflow**, boosting user engagement and showcasing advanced technology implementation.
- Implemented **Lerna framework for monoRepo management**, optimizing code organization and enabling smoother collaboration among team members for seamless integration.
- Thrived in a collaborative environment, working closely with **cross-functional teams** of developers, designers, and project managers.
- **Technologies Used:** React JS, Node JS, Express JS, MongoDB, DialogFlow, Stripe

Project

December 2022 -

AutoPlateVision: Automated Number

January 2023

Plate Detection Model I [GitHub](#)

- Spearheaded the development of a state-of-the-art **Automatic Number Plate Detection (ANPR)** model on **TensorFlow**, leveraging deep learning algorithms to achieve real-time license plate recognition.
- Achieved outstanding accuracy, surpassing **89% on a diverse dataset of license plates, through meticulous fine-tuning and validation processes.**
- Leveraged TensorFlow's powerful capabilities to optimize the model's performance for speed and efficiency, enabling real-time ANPR in dynamic environments.
- Engineered the model to handle diverse lighting conditions, occlusions, and **vehicle angles**, ensuring **robust performance** in various environments.
- **Technologies Used:** Python, TensorFlow, OpenCV

Project

August 2022 -

Alan-AI-News-App I [GitHub](#)

September 2022

- Developed "Alan-AI-News-App," a cutting-edge news application built using **React JS**, powered entirely by voice commands through **Alan AI bots**, providing a seamless and **hands-free user experience.**
- Successfully implemented voice-controlled functionalities for browsing, searching, and reading news articles, showcasing advanced proficiency in React and integration of AI technologies.
- Ensured a **user-friendly interface** and smooth navigation by leveraging React's component-based architecture and optimizing the app's responsiveness on various devices
- **Technologies Used:** JavaScript, CSS, React JS, Alan AI API, Rapid API

Activities And Honours

- Engaged as a proactive member of the prestigious **Apple Developers Group**, driving Web development initiatives and spearheading impactful tech events
- Galvanized a **victorious team of 5**, clinching **2nd place** in the fiercely contested ISTE club's web development competition, demonstrating exceptional leadership and technical prowess
- Ranked in the **top 1% of LeetCode** in 2022, demonstrating exceptional problem-solving skills and programming acumen.