**Himanshu Parashar**

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**EDUCATION**

**Maharaja Agrasen Institute of Technology** *Delhi, India*

Bachelors Of Technology- Computer Science Engineering *August 2023*

CGPA-8.5/10.0

**TECHNICAL SKILL**

**Programming Language**: C++, Java, Python.

**Web Technologies:** HTML, CSS, Bootstrap, Tailwind, JavaScript, jQuery, React, Nodejs, Spring, Figma.

**Tools**: Git, GitHub, CI/CD, Jenkins, Postman, JUnit, Jprofiler.

**Database Platform**: MongoDB, PostgreSQL, Google CloudSQL.

**Pattern and Practices**: OOP, SOLID, Design Patterns, Architectural Patterns (MVC, Microservices).

**WORK EXPERIENCE/INTERNSHIPS**

**MetaDecrypt** *Delhi, India*

***Software Developer Engineer*** *August 2023 – Present*

* Built responsive web applications using **HTML, CSS, Javascript**,**React.js, Node.js, Express.js**, and **MongoDB**.
* Designed **UI/UX** design on **Figma** on client requirements.
* Integrated **Web3 NFT** technology for the payment system, deployed on (**GCP**), selling over 80% tickets through the platform.

**Walmart Global Tech**  *Delhi, India*

***Software Developer Intern*** *August 2022 – January 2023*

* Developed a web app **Node.js, React** integrating **Redux** and **RESTful Web Services** with tools like **Postman** for seamless

communication. Created **RDBM**S using **PostgreSQL** That saved employees 3hr/month results boosting monthly subscriptions.

* Utilized **Java**, **SpringBoot**, **Hibernate**, and **MyBatis** to implement data structures and algorithms.
* Created an ER diagram using **pgAdmin** and UML class diagrams with **StarUML** for a new pet department database.

**Jp Morgan & Chase Co**  *Delhi, India*

***Software Developer Intern*** *January 2022 – June 2022*

* Constructed a web app using **React**, and **SpringBoot** for real-time chat functionality.
* Optimized **SQL Server** database via Google Data Studio, achieving 12% faster queries.
* Used **Python**, **Plotly**, and **Matplotlib** for **data visualisation** that enables traders to show crucial information

**PROJECTS**

[**Flight Route Optimisation**](https://github.com/himanshuParashar0101/havaijhaaj)Reactjs, Axios, Chart, firebase, Java, Spring Boot**,** XAMPP, GCP ***Aerothon 6.0***

* Developed a web app for flight navigation systems for optimal route planning, risk mitigation, and alternative routing by utilizing algorithms like **Dijkstra's** and **Haversine**.Showing real-time weather updates and alerts using **Meteo API**.
* Created a flight matrix dashboard to show the health of a particular plane and a maintenance dashboard with different airline units.

[**Aircraft Sustainability Platform**](https://aircraftsustainabilityplatform.netlify.app/dashboard)React, Material UI, Axios, Chart, SpringBoot, AWS ***Aerothon 5.0***

* Engineered a web app for sustainable aircraft component lifecycle optimization dashboard displaying progress charts for recycling, manufacturing, and airline industries, providing comprehensive insights into their performance.
* Implemented a component to track and visualize completed shipment locations, enabling efficient logistics monitoring.

[**Arjun ADIP-Portal**](https://adip.disabilityaffairs.gov.in/ADIP/login) HTML, CSS, JavaScript, Jquery, Bootstrap, Python, Django, Machine Learning ***SIH-22***

* Built a responsive web app for differently-abled individuals, adopted by the government, featuring an AI-based recommendation system using SVM algorithm to suggest relevant schemes based on disability, increasing user engagement by 25%.
* this web application was adopted by the **Government** organization.

**ACCOMPLISHMENTS**

* **1st place** in **Aerothon5.0** hackathon by **Airbus -2023, Smart India Hackathon -2022, Google Learn and Earn.**
* Secured **2nd place Rajasthan Police Hackathon-2024 ,story3-2024, hackwithmait-3.0(21)** and **2.0(20), hackNSUT- 21.**
* Solved more than **600+ questions** on **leetcode** and also secured **276 world rank** in **Google Code Jam.**