**Arpit Tak**

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Skills

* **Languages**: Python, JavaScript, Java, C++
* **Frameworks**: Pandas, Numpy, Matplotlib, HTML and CSS, NodeJS, React
* **Tools/Platforms**: MySQL, MongoDB, Hadoop, PowerBI, Tableau, Excel, Postman
* **Soft Skills**: Problem-Solving and Critical Thinking, Adaptability, Quick Learning and Effective project management.

Projects

**Restaurant Application** Jan, 2025 – Feb, 2025

* Developed a full-stack restaurant application with an interactive UI using React
* Built a backend with Node.js, Express, and MongoDB for managing orders, menus, and authentication
* Integrated features like user authentication, order management, and an admin dashboard
* Deployed the frontend on Vercel and backend on Render for scalability and performance
* Tech: React, Node.js, Express, MongoDB, Render, Vercel

**E-commerce Sales Data Analysis and Reporting Dashboard**  Feb, 2024 – Mar, 2024

* Analysed e-commerce sales data to uncover trends in customer behaviour and product performance
* Used Python (Pandas, NumPy, Matplotlib) for data cleaning, visualization, and trend analysis
* Developed a Power BI dashboard to provide stakeholders with real-time sales insights.
* Assisted in optimizing sales strategies and customer retention through data-driven insights

**ATM Simulator System**  June, 2024 – July, 2024

* Developed an ATM simulator in Java with core banking features
* Designed a user-friendly GUI using Swing for seamless interaction
* Integrated MySQL for efficient database management & secure data storage
* Implemented transaction processing, ensuring real-time account updates

Certificates

* Java Programming by Techvanto Academy June, 2024
* 10 Days Python Bootcamp by IBM cognitive class Dec, 2024
* Data Fundamentals by IBM Feb, 2024

Achievements

* **Top performer in Datathon by IBM**   Feb, 2024

1st position in Datathon conducted by IBM in University.

* **Prototype Design Sprint to MVP** April, 2024

2nd position at Prototype Design Workshop organized by Division of Innovation and Entrepreneurship

Education

**Lovely Professional University** Punjab, India

*Bachelor of Technology - Computer Science and Engineering;* ***CGPA: 7*** *From August 2022*

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**New Green Field School** New Delhi, India

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*Intermediate;* ***Percentage: 81%*** *April 2018 - March 2020*

**New Green Field School** New Delhi, India

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*Matriculation;* ***Percentage: 85%*** *April 2016 - March 2018*