OMKAR AMBAVKAR

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Education

MIT ADT University, Pune   Expected May 2026
Bachelor of Science in Computer Science   **CGPA: 8.5**
- Relevant Coursework: **Web Development, DSA**

Experience

TATA Group   Jun 2024 - July 2024
Software Engineer Intern   Remote, India
- Utilized **Tableau and Power BI** to analyze and visualize exceeding 1 million records, leading to the identification of key business insights and trends.
- Created over 20 comprehensive data dashboards and reports, aiding in strategic decision making and enhancing **data driven storytelling.**
- Simulated real world challenges to improve problem solving skills, contributing to 10% increase in efficiency for **data analytics** processes.

J.P. Morgan Software Engineering Virtual Experience   July 2024
Software Engineer Intern

- Set up a local dev environment by downloading the necessary files, tools and dependencies.
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Projects

Stock analysis Tool : Java, CSS, Django, Javascript, SQL
- Led the development of Stock market using Javascript, resulting in providing real time market information.
- Designed and deployed a scalable API using Django,achieving to improve the analysis speed.
- Ensured the **security** of the platform by implementing role based access control.
- Enhanced **scalability** by utilizing services.
- **Monitoring** and ensuring real time performance.

Skills

- Languages: C, C++, Python, Java, HTML, CSS, Javascript
- Libraries: Django

Extracurricular Activities

- Cultural : Trained and Played Classical **Tabla** , Harmonium , Flute. Trained in playing Saxophone.
- Sports: Part of **MCA U-14/ U-16** Cricket Team (2017-2019) Part of MIT ADT University Cricket team(2022-2024)