

Jay Thummar

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WORK EXPERIENCE

KPI Analyst

Phillip Morris International

London, United Kingdom

Jul 2025 - Dec 2025

- Analyzed sales and business data to track key performance indicators, **leading to a 15% increase in sales** for underperforming product categories.
- Managed stock and inventory using data insights, which reduced **holding costs by 10%** and improved product availability.
- Provided key business insights and created detailed reports, enabling the leadership team to make data-driven decisions that boosted overall efficiency.

Software Engineer

Capgemini Technology Services

Mumbai, India

Aug 2022 - Nov 2023

- Developed scalable backend services using Java and Spring Boot, improving system performance and contributing to full-stack solutions with React.
- Optimized complex SQL queries, **reducing execution time by 15%**, resulting in faster database performance and enhanced application responsiveness.
- Deployed applications using AWS cloud services, **achieving 99% uptime** and enabling continuous feature delivery with minimal downtime.
- Led SCRUM sprints, delivering features incrementally, **reducing feedback loops by 30%** and accelerating client validation.

Frontend Web Developer

Factory Jet Private Limited

Mumbai, India

May 2021 - Aug 2021

- Built responsive, interactive UIs with React Hooks (useState, useEffect, useContext), **reducing component complexity by 40%** while maintaining high code readability and scalability.
- Implemented Redux for global state management, optimizing complex data flows across React components and reducing unnecessary **re-renders by 35%**, significantly improving app performance.
- Designed and developed the **entire front-end of the website from scratch**, crafting reusable React components to create a dynamic and visually appealing user interface.
- Developed a real-time dashboard using WebSockets and Redux middleware, enabling live data updates and improving **user engagement by 25%** through seamless UI synchronization.

PROJECT EXPERIENCE

Instagram Clone

ReactJS | NodeJS | Express | MongoDB | REST API

[Github](#)

- Built responsive and interactive UIs with ReactJS and Material-UI, creating **50+ reusable components**.
- Implemented efficient state management using Redux Toolkit, reducing unnecessary re-renders by 40%.
- Optimized performance by reducing page load time from **5s to 1.2s** through code splitting and lazy loading.

ResMatch - NLP-based Jobs Recommender System

[Github](#)

Auto-Encoders | NLP | Pandas | Numpy | Matplotlib

- Built an NLP-based job recommender system using TF-IDF vectorization and cosine similarity, **achieving a 95% match relevance** for user profiles and job preferences.
- Optimized TF-IDF with custom tokenization reducing noise in job descriptions and boosting **match precision by 18%**.
- Deployed autoencoders for dimensionality reduction, reducing **feature complexity by 90%** and improving recommendation engine processing speed.

SKILLS

Backend: Java | SpringBoot | NodeJS | Rest API | SQL | MongoDB | Machine Learning

Frontend: ReactJs | CSS | Redux | Bootstrap | Figma | UI/UX | Jira | PowerBI | Data Analytics | Git & Github

EDUCATION

University of Westminster

MSc Data Science and Analytics

London, United Kingdom

Graduation Date: Nov 2024