

Layeba Irshad

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Education

Vellore Institute of Technology

Sept 2022 – May 2026

B.Tech Computer Science and Engineering

GPA: **8.8/10.0**

Relevant Coursework: **Data Structures and Algorithms**, Object-Oriented Programming, **Operating Systems**, **Database Management System**, **Computer Networks**, Data Science, Data Mining, **Machine Learning**

Experience

PwC CTDP Trainee

Jul 2025 – Sep 2025

- Completed PwC CTDP 3.0 training with hands-on exposure to **Salesforce fundamentals** including Object Management, App Builder, Org/User/Security Setup, and Sales & Service Cloud.
- Gained practical experience with Salesforce productivity tools (Chatter, **AppExchange**), data management (Import/Export, Reports & Dashboards), **automation** (Flows, Approvals, Emails), and **Salesforce AI overview**.

Front-End Developer ([Live Product](#)) | Metal Smith, Delhi

Sep 2024 – Dec 2024

- Developed a scalable, responsive frontend using ReactJS, HTML, CSS, and JavaScript with reusable components, improving usability and maintainability.
- Enabled faster, data-driven delivery by implementing **CI/CD pipelines** (cutting deployment time by 60%) and collaborating in Agile teams to analyze user behavior via **Google Analytics**, improving engagement by 35%.

Technical Skills

Languages: C++, Java, Python, SQL, JavaScript

Frameworks & Libraries: ReactJS, TailwindCSS, MongoDB

Data Analysis & Visualization Tools: Microsoft Excel, Tableau, Power BI

Tools & Methodologies: CI/CD, JWT, Docker, Git, GitHub, Salesforce (Trailhead Rank: Ranger), Agile Methodology

Projects

AeroServe | Airline Service Management System | Java, Swing, MySQL, AWT

Jun 2025 – Aug 2025

- Developed and managed real-time airline operations for 1000+ transactions/month, ensuring accurate booking, cancellation, and settlement with **optimized MySQL queries**.
- Implemented GUI using **Java Swing** with real-time back-end integration via MySQL, **reducing manual data entry errors** by 30%.
- Architected **relational database schema** and implemented **secure login**, record handling, and automated ticketing workflows, improving operational efficiency by 25%.

EXPERT | Expense Manager & Budget Planner | ReactJS, JWT, MongoDB, Docker

Jan 2025 – Apr 2025

- Engineered a **full-stack MERN** data-centric financial dashboard that allowed users to track and analyze their expenses, reducing manual tracking by 70%.
- Architected secure **JWT authentication** with **Redux**, reducing login/session errors by 40% and ensuring robust access control with a seamless user experience.
- Deployed the application via Vercel and **Docker containerization**, accelerating deployment speed by 50% and delivering a scalable, production-ready platform with improved UI/UX for end-users.

DocQ | Document Querying Software | Python, LangChain, Google Gemini Pro

Feb 2024 – May 2024

- Orchestrated an **AI-powered PDF chatbot** using **RAG**, **FAISS**, and **Google AI embeddings** for text extraction, summarization, and query answering across 1,200+ documents, ensuring data security using Python.
- Integrated Google Gemini Pro via **LangChain** improving response accuracy by 35%.
- Optimized document parsing and **vector indexing workflows**, reducing query response time by 40% and enhancing scalability for large document sets.

Certifications & Achievements

- DevOps Fundamentals** - IBM
- Salesforce Administrator** - Coursera
- Devops Agile and Design Thinking** - IBM
- Agile Methodologies** - IBM
- Full Stack MERN with MongoDB
- Scholar Badge Holder | **Academic Excellence** (5 consecutive years, 2015 - 2019), Delhi Public School

Position of Responsibility

- Event Management** - Metaverse (AR & VR) : Executed outreach strategy for tech events, led a team of **200+ students** fostering teamwork and **stakeholder engagement**, **logistics**, and **execution under deadlines** while achieving 50% growth in participation.