

SUBHADIP PATRA

Hyderabad, Telangana

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Work Experience

TeyaHealth | Full-Stack Developer-Intern | C#, ASP.NET Core

JAN 2025 – Present


- Designed and built an internal **Data ingestion platform** from scratch in C# and ASP.NET Core, and integrating role-based access control while optimizing bulk export APIs to cut large dataset retrieval times from minutes to under 10 seconds, increasing overall throughput by 35%.
- Implemented detailed audit logging for **Secure documentation records** using Serilog and ElasticSearch, capturing view, update, lock, and delete actions for compliance and security.
- Developed end-to-end deployment workflows, ensuring smooth rollout of the platform to production with minimal downtime and automated configuration management.

Projects

HireSense | Java, Spring Boot, React, MySQL, OpenAI |  GitHub

June 2025

- Engineered a full-stack application that ingests candidate resumes, extracts key skills using OpenAI embeddings, and computes match scores against job descriptions.
- Developed secure, modular REST APIs in **Spring Boot** with JWT authentication, enabling scalable job search and candidate matching services.
- Built a responsive React interface with real-time filters, match visualization, and dynamic ranking updates powered by WebSockets.

FabricMind: AI-Driven Retail Solution | LangChain, SQL, GenAI |  GitHub

March 2024

- Developed an LLM-powered retail assistant leveraging LangChain to handle natural language queries for inventory, sales, and product recommendations.
- Integrated MySQL as a knowledge backend, enabling contextual query generation and retrieval through dynamic SQL execution.
- Implemented few-shot prompting strategies to boost model accuracy by providing domain-specific conversational examples at runtime.

Education

University of Hyderabad

Aug 2023 – May 2025

Master's of Computer Application

Hyderabad, Telangana

Vidyasagar University

Aug 2019 – May 2022

Bachelor's of Computer Application

Medinipur, West Bengal


Technical Skills

Languages: C#, C, C++, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Visual Studio, NetBeans

Technologies/Frameworks: Linux, Git and GitHub, ASP.Net Core

Certifications

SQL: Earned certification in SQL from **Hackerrank** 

Oct 2024

Extracurricular Activities

Sports: Actively participated in various sports, including **Cricket** and **Volleyball**, representing the school **SCIS** in the university .

Volunteer: Contributed to various community initiatives, including teaching underprivileged students.

Achievements

AIR 676: Achieved AIR 676 out of around 40,000 students across India in the National level entrance **NIMCET** in 2023

Problem Solving:Solved more than **350+** problems on different competitive platforms like **LeetCode** and **GeeksForGeeks**