Ayushman Rai

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Education

Vellore Institute of Technology , BTech in Information Technology — Sept 2022 – May 2026
- GPA: 8.68

Delhi Public School, Ranchi, Jharkhand, CBSE Class 12 — April 2021 – May 2022
- Percentage: 93.2

Delhi Public School, Ranchi Jharkhand , CBSE Class 10 — April 2019- May 2020
- Percentage : 93.2

Experience

Application Developer Intern, ZipBooks Software Solutions — May 2025 – July 2025
- Developed user-friendly application Mindly for internal projects.
- Collaborated with team members to troubleshoot software issues effectively.
- Tested software applications to identify bugs and improve overall performance.

Projects

Mindly - Mental Health Companion App — github.com/Ayushman019/Mindly
- Built a Flutter app for mood tracking, routine management, and mental health insights with real-time Firebase integration and location-based emergency support via Geoapify API.
- Designed a personalized, accessible UI and used fl_chart for dynamic mood and routine analytics.
- Tools Used: *Flutter , Firebase , REST API , State Management*

ElderlyCare+ — github.com/Ayushman019/ElderlyCare
- Developed a unified service platform for healthcare of the elderly.
- Includes a Pill Dispenser hardware component controlled by the web application.
- Tools Used: *React.js , Node.js , Embedded C , MongoDB*

Youtube Data Analysis — github.com/Ayushman019/youtube
- Developed a scalable Hadoop pipeline to analyze YouTube channel data and predict subscriber growth using ML models.
- Performed feature engineering, EDA, and visualized key growth factors for strategic insights.
- Tools Used: *Hadoop , Python , scikit-learn , Big Data Analytics*

Technologies

Languages: C++, C, Java, SQL, Python, Dart , HTML , CSS
Tools: Android Studio, VS Code ,Xcode, AWS
Additional Skills: Git / GitHub , Flutter, Firebase, Tailwind CSS, REST APIs, , React.js, ML(pandas , sklearn, tensorflow), docker , CI/CD pipeline

Certifications

JPMorgan ChaseCo. Software Engineering Job Simulation — August 2024
- 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.