

AVIJIT PRATAP SINGH

Portfolio: <https://avijitsingh.dev> | **Email:** avijitpratapsin@gmail.com | **Contact:** +91 9630938987 |

Github: <https://github.com/Avijeet12> | **LinkedIN:** <https://www.linkedin.com/in/avijit-pratap-singh-87313252/>

SUMMARY

Results-oriented Software Engineer with expertise across mobile development (Flutter, Kotlin), full-stack development (React, Node.js), and cloud technologies (AWS, Firebase). Strong skills in OOP, data structures, algorithms, REST API development, debugging, and system optimization. Experienced in building real-time, secure, and scalable applications with CI/CD pipelines and Git-based workflows. Demonstrated ability to improve app performance and deliver high-quality engineering solutions.

PROJECTS

HEALTHCARE SYMPTOM CHECKER

<https://healthcare-symptom-checker-sooty.vercel.app/>

- Developed a full-stack AI-powered healthcare web application that helps users identify potential medical conditions based on input symptoms.
- Integrated Google Gemini LLM to analyze symptoms and provide accurate, context-aware responses using natural language understanding.
- Built the frontend in React.js for an interactive, responsive UI and the backend in Node.js + Express for efficient API handling and LLM integration.
- Designed and connected a RESTful API for seamless communication between frontend, backend, and the LLM endpoint.

LEGALEASE(Ongoing)

<https://github.com/Avijeet12/LegalEase>

- Developing an AI-assisted legal documentation and case tracking mobile application.
- Built with Kotlin, XML, Android Studio, and Firebase for real-time data storage and authentication.
- Features include secure document upload, case history tracking, and client-lawyer communication module.
- Implementing role-based access for lawyers and clients, ensuring data security and controlled access.
- Utilized RESTful APIs to connect the app with external legal databases and enable real-time case law search.
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EDUCATION

B.Tech in Computer Science and Engineering

Vellore Institute of Technology, Andhra Pradesh

Expected Graduation: July 2026 | CGPA: 8.51

SKILLS

Languages

Java , Kotlin , XML , HTML , CSS , javascript , React js , Node js ,

Tools/Frameworks

Version Control(Git) , Github , Figma , Docker , AWS , Google Cloud , Firebase

Databases

Firebase Realtime Database , Mongo DB , Mysql , Sql

Other Skills

DSA , Android Studio , REST APIs , Problem Solving , Unit/Integration Testing

CS Fundamentals

Operating Systems ,Computer Networks ,Object Oriented Programming , DBMS

CERTIFICATES

Android Development with Kotlin - Udemy (2024)

Devops and Agile Thinking - IBM SkillsBuild (2025)

Generative AI Certification - Oracle (2025)