Aditya Bajaj

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Education

Vellore Institute Of Technology,Vellore	June 2021 - June 2025
Bachelor of Technology in Computer Science and Engineering(CSE) (CGPA: 8.5)	*Vellore, Tamil Nadu*
Delhi Public School,Azaad Nagar	May 2019 - May 2021
Central Board of Secondary Education XII (Percentage-96), X (Percentage-94)	*Kanpur, Uttar Pradesh*

Experience

Software Engineering Intern   March 2023 – June 2023
Docplus   *Remote*

- Worked on improving the home and menu screens of the DocPlus Online mobile app using Flutter, making it faster and more responsive.
- Created flexible UI elements that make the app easier to use and more accessible.
- Worked with other teams to improve the design and functionality, helping increase user satisfaction.

E-commerce Optimization and Technical Intern   October 2023 – December 2023
Phool.co   *Kanpur, India*

- Analyzed sales and marketing data using MS Excel, helping the company make better decisions.
- Improved logistics processes, cutting down delivery delays and making inventory more accurate.
- Listed products on Amazon, Flipkart, Blinkit, and Myntra, making them more visible to customers.
- Created logistics sheets for multiple locations, making it easier to manage data and reducing consolidation time.
- Worked with teams to make the process more efficient, improving overall workflow.

Projects

DropIt | *Flutter, Firebase (github)*

- Developed an on-demand delivery platform, streamlining last-mile logistics at VIT main gate and enabling earning opportunities for delivery personnel.
- Integrated Firebase for OTP-based secure authentication, real-time chat functionality, and robust data storage, ensuring seamless user experience.
- Implemented a tracking system for users to monitor deliveries, interact with delivery personnel, and conduct secure transactions within the app.
- Collaborated with a team to enhance app performance and optimize delivery matching algorithms, reducing response times by 25%.

Voice-Activated Banking Assistant | *Python, SQLite (github)*

- Engineered a voice-controlled banking assistant to automate financial transactions, enhancing accessibility and user convenience.
- Implemented core banking functionalities such as balance inquiries, fund transfers, and transaction logging using SQLite for secure data management.
- Optimized natural language processing for high-accuracy voice recognition, ensuring seamless interaction and enhanced user experience.
- Incorporated error handling and security protocols, preventing fraudulent activities and ensuring secure transactions.

Technical Skills

Languages: Java, Dart, Python, Kotlin, C/C++, JavaScript, C#
Frameworks & Tools: Flutter, Node.js, Git, GitHub, REST API, Firebase
Technologies: Docker, MongoDB, MySQL, Selenium
Concepts: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems (OS)
Development Practices: Version Control, Agile Development, API Integration
Certifications: Generative AI (SmartInternz), Flutter Development Bootcamp (Udemy), DSA (Udemy)