Aysha Sabah

Entry-Level Software Developer | Frontend & Full-Stack Developer

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SUMMARY

Entry-level Software Developer and 2026 Information Science & Engineering graduate with hands-on experience in frontend, full-stack, Android, and AI-integrated application development. Skilled in React, JavaScript, Kotlin, Firebase, and Node.js. Built web and mobile applications through internships and academic and personal projects. Interested in creating user-focused products and solving real-world problems through software.

EXPERIENCE

Android App Development Intern, MindMatrixEd, Bengaluru, India (Remote) **Feb 2026 — May 2026**

- Developed Android application features using Kotlin, Jetpack Compose, Firebase, and MVVM architecture.
- Debugged application issues, improved stability, and optimized user experience across Android features.

PROJECTS

Hand Sign to Text Converter, College(Mini-Project)

- Implemented a real-time hand-gesture recognition system using OpenCV and machine learning to convert gestures into text.
- Focused on improving accessibility by enabling communication support for speech- and hearing-impaired users with low-latency processing.

AgriFutura - Al-Driven Soil Analysis for Crop Recommendation, College(Major Project)

- Developed an ML-powered soil analysis tool that predicts suitable crops from soil parameters and generates data-driven recommendations.
- Designed predictive models and data-driven recommendations to help improve agricultural decision-making and crop planning.

Momentry | Hybrid Mobile App, Personal Project **Present**

- Built a cross-platform journaling app using React, Capacitor, and Firebase (Auth/Firestore).
- Implemented real-time cloud sync, offline capabilities, and deployed the app as a native Android application.

PlaySphere – Personalized Sports & Gaming Hub, MindMatrix(Side Project)

- Built a full-stack sports and gaming platform with live scores, news, player search, and bookmark functionality using React, Express.js, and Firebase.
- Integrated Google Gemini API via Google AI Studio for AI-powered news summarization and developed a responsive UI with Tailwind CSS and Framer Motion.

Namma Pustaka – Native Android Digital Library, MindMatrix(Main Project)

- Developed a native Android digital library with real-time book management, authentication, and gamification using Kotlin, Jetpack Compose, and Firebase.
- Implemented MVVM architecture, Firestore synchronization, user profiles, recommendations, and bookmarks.

NextUP

- Built a unified platform to organize, track, and discover movies, series, and games.
- Implemented backlog management, progress tracking, and discovery features to help users decide what to watch or play.

SKILLS & INTERESTS

Technical Skills	:	
Frontend	:	HTML, CSS, ReactJS, Bootstrap
Backend	:	Node.js, Express.js
Technical Languages	:	JavaScript, Python, SQL, Kotlin
Databases	:	MongoDB, Firebase/Firestore
Core Concepts	:	Object-Oriented Programming (OOP), Data Structures (Basics), API Integration, MERN Stack (Basic), Machine Learning & Deep Learning (Basics)
Tools & Platforms	:	Git, GitHub, GitHub Copilot, VS Code, Cursor, Google Colab, Android Studio, Antigravity, Google AI Studio, Emergent, Figma, Loveable
Other Technologies & Practices	:	CI/CD, GitHub Actions (Basic), Generative AI, Prompt Engineering
Interests	:	Building Interactive Web Applications, Digital Illustration, Exploring AI Tools, UI/UX Design, Ideation & Creative
Languages	:	English, Hindi, Kannada, Urdu

EDUCATION

AMC Engineering College, **Bangalore, Karnataka, India** - *Bachelor of Engineering (B.E.), Information Science & Engineering* **Dec 2022 — Jul 2026**