

Sire Saini

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Summary

Android & Web Developer experienced in Flutter, Jetpack Compose, Next.js, Firebase, and MongoDB, focused on building clean, scalable applications.

Education

K.R. Mangalam University, B.Tech in Computer Science

Aug 2023 – Jul 2027

- GPA: 8.5 (IV)

Google Data Analytics Professional Certificate

Jun 2024 – Jul 2024

Technologies

Languages: C, Java, Python, Dart, R, SQL, Arduino, Kotlin, JavaScript

Frameworks: Flutter, Flask, Jetpack Compose, MVVM Architecture, Node.js, React.js, Express.js, Next.js, Tailwind CSS

Tools: Rstudio, FileZilla, Android Studio, AutoHotKey, Power BI, Tableau, Git, Dagger Hilt, Provider, Go Router, Firebase Auth, Firestore Database, Arch Linux, neovim, Figma, MongoDB, Vercel

Soft Skills

Teaching & Explanation Skills, Curiosity & Learning Mindset, Emotional Intelligence

Experience

Android Developer Intern - Department of Design, IIT Delhi

June 2025 – Aug 2025

- Developed Toddle, a game based application to enhance language learning for children with Intellectual Disability.
- Tools used: Flutter, Firebase Auth, Firestore Database, Provider, Go Router, ImageKit, Android Studio

Intern - CraftTatva

July 2024 – Aug 2024

- Analyze competing platforms' tech stack and UI/UX, and recommend improvements.

Projects

URL Shortener Web App - cutr

Jan 2026

- Built a minimal URL shortener using Next.js with MongoDB-backed storage, supporting custom short URLs and fast redirects. Implemented collision handling to prevent duplicate short links. Designed a lightweight, pixelated UI using Tailwind CSS and deployed the application on Vercel
- Tools: Next.js, React, MongoDB, Tailwind CSS, Vercel

Android Recipe App - Recipify

Apr 2025 – May 2025

- Developed an Android app using Jetpack Compose and Dagger Hilt; integrated Spoonacular API for recipe search and Firebase for authentication.
- Tools: Kotlin, Jetpack Compose, Dagger Hilt, Firebase, Spoonacular API

Finance Management App - Spendly

Jan 2025 – Mar 2025

- Automated SMS-based UPI expense tracker with analytics and data visualization.
- Tools: Dart, Flutter, Firebase, SyncFusion, Kotlin
- Awards: 1st – Geekathon '24, 3rd – Ideathon '25

Custom Spotify Theme - Blackout

Dec 2023 – Present

- Created true black OLED theme for Spotify; merged into official Spicetify repo.
- Tools: CSS, Spicetify

Full Fledged Agriculture Rover - BhartiKisan

Apr 2024

- Built a farming rover with Raspberry Pi and Flask; added ML for plant health detection.
- Tools: C, Python, Arduino, TensorFlow, Raspberry Pi, HTML
- Awarded Track Prize – Mindbenders 3.0 '24

Fields of Interest

App Development, Linux, Machine Learning, Automation & Theming