

ASHWIN SHARMA *Software Engineer*

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A Software Engineer and product builder focused on enterprise & high-performance apps. Experienced in shipping scalable client solutions for brands like UPSC Akhada and standalone products like Docloom and Kinetix. Rapidly expanding my core expertise into iOS and SwiftUI.

RECENT EXPERIENCE

Studio Sonrai Pvt. Ltd., *Software Engineer* Jan 2026 – Present | Gurugram

- Engineered automated Revit workflows and multi-platform apps using .NET, Orleans, Flutter, and Compose Multiplatform. It resulted in a threefold productivity increase for the BIM and CAD team.
- Architected scalable event-driven and pub/sub systems using NEST, .NET, FastAPI, and Spring.

UPSC AKHADA Pvt. Ltd., *Full-Stack Developer* Jun 2025 – Dec 2025 | Chandigarh

- Built SSR web application that smoothly handles 2000+ active students per week, custom admin panel and a light-weight website-builder using Next.js, Firebase, Google Cloud Platform, and Cloud Run.
- Integrated multilingual AI moderation engine processing 200+ daily comments and secure payment system, utilizing Vertex AI and Razorpay respectively.

Snapgro Pvt. Ltd., *Flutter Developer* Apr 2025 – Jun 2025 | Sonipat

- Engineered a multi-role (customer, supplier, delivery-partner) cross-platform application using Flutter, FastAPI + Google Cloud Run and Firebase (Auth+RTDB) to support inter-switchable user dashboards.
- Implemented real-time geospatial tracking with A* routing algorithm finding routes under 100ms, alongside Role-Based Access Control and Razorpay payment integration.

KludiDev Solutions Pvt. Ltd., *Software Developer Intern* 2023 – 2024

- Developed responsive cross-platform user interfaces and asynchronous architectures using Flutter & Jetpack Compose with Kotlin Coroutines reducing render time by 35%.
- Integrated context-aware AI chat agents and dynamic RSS scrapers while executing performance optimisations.

SKILLS

App Development — Expert

Jetpack Compose, SwiftUI, Flutter, React Native, Compose Multiplatform, Kotlin Coroutines, GTK+, Electron, Tauri, .NET Platform

Frontend Development — Proficient

React.js, Next.js, Angular.js, Streamlit

Backend Development — Proficient

SpringBoot, Ktor, FastAPI, Flask, NestJS, Express.js, Node.js,

Cloud & DevOps — Competent

Firebase & Google Cloud Platform, Amazon Web Services & Lambda, Microsoft Azure, Pipelines, CodeMagic, Vercel, Heroku, Netlify, Railway, Micro-service Handling, Decentralising Databases, Docker, Kubernetes

AI/ML & Data Science — Amateur

SciKit Learn, Tensorflow & tf.Keras, PyTorch, LangChain, PineCone, RabbitMQ, Pandas, Numpy, R, matplotlib,

PROJECTS

[Kinetix](#), *A powerful & simple video editor*

A streamlined video editor designed for quick reel and status creation, featuring individual duration controls and a Material UI Expressive design. Powered by a custom C++ FFmpeg fork leveraging OpenGL for high-performance GPU processing on Android.

[MonteDeck](#), *Translate complex tech to business*

Helps engineers translate complex technical projects into clear, investor-ready business pitches. The platform provides real-time feedback & investor-roast, reduces pitch-framing time, and offers 10x stakeholder clarity for effective communication.

[Wallcrunch](#), *The dynamic wallpaper app for GNOME*

A dynamic wallpaper utility built with electron.js for users to instantly create theme-switching backgrounds in three clicks for their GNOME rice.

CERTIFICATES

Google Cloud

Advanced Multi-Service & GenAI Certification Suite

Masters Union

Hack the Mountains - Best GitHub User & Best Beginner

Programiz

Android Development, C++, Flutter, Java, Python, RUST, SQL

Great Learning

Ethical hacking

University of Helsinki

Elements of AI

EXTRA-CURRICULAR

- Founder & Leader of Appirates, SRM University Delhi-NCR**

Nov 2024
- Established from scratch & scaled an app development tech community spanning mobile, web, DevOps, and AI/ML.

- Organized technical events & hackathons with up to 300+ attendees while managing university-industry relations.
- Winner & Best Beginner, SRM Builds 4.0 Hackathon**

Oct 2024
- Engineered NoteBird, an AI-powered, real-time collaborative note manager featuring nested structures and fuzzy global search. The app has powerful compression & de-compression for multimedia to achieve cheap storage.

- Implemented fully customizable UI themes with bespoke bird-inspired aesthetic branding & material UI standards.
- Leader of CIIE-SRM, SRM University Delhi-NCR**

Oct 2023 – Jul 2024
- Directed entrepreneurship and innovation initiatives for the Center of Innovation, Incubation and Entrepreneurship.

- Hosted technical workshops and discussions focused on modern tech stacks.

EDUCATION

- Master’s Degree (Pursuing), Amity Online University**

2026 – 2028
- Bachelor’s Degree, SRM University, Sonipat**

2023 – 2026
- A Level, National Institute of Electronics & IT**

2023 – 2025

LANGUAGES

English		German	
Hindi		French	