

SHASHI KUMAR

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Professional Summary

Senior Flutter Developer with 5+ years of mobile development experience and 7+ years of overall software engineering experience. Experienced in building production mobile applications using Flutter, Dart, Kotlin, and Java, with strong expertise in architecture, REST APIs, Firebase, third-party SDKs, application security, performance optimization, CI/CD, and production releases. Owned Rummy Millionaire end-to-end at Junglee Games across development, customization, QA, and production. Also hands-on with AI/LLM application development using local LLMs, LLM APIs, vector databases, speech processing, and AI-assisted workflows.

Experience

Junglee Games

Apr 2025 – Sep 2026

SDE2 – Flutter Developer

Gurugram

- **End-to-End Product Ownership:** Owned Rummy Millionaire, a white-labeled version of Junglee Rummy, taking requirements through development, customization, QA, and production while working across most application modules.
- **White-Label Product Engineering:** Customized the existing Junglee Rummy codebase for product-specific branding, theming, feature configuration, tournament functionality, and removal of Junglee-specific functionality while maintaining a consistent user experience.
- **Security, Performance & Reliability:** Resolved mobile security vulnerabilities including missing Stack Canary protection, task hijacking, disabled WebView Safe Browsing, and insecure security configurations. Identified and resolved memory leaks and memory-bloating issues to improve application stability and reliability.
- **Mobile Engineering & Production:** Worked across authentication, payments, KYC, deep linking, push notifications, analytics, WebViews, Firebase, third-party SDKs, and REST API integration.

Unikon.ai

Apr 2024 – Mar 2025

Senior Software Engineer

Gurugram

- **Architecture & State Management:** Architected modular Flutter applications using Clean Architecture and MVC/MVVM patterns, and led migration from Provider to BLoC for scalable state management.
- **Analytics & Realtime Features:** Designed platform-agnostic analytics and integrated CleverTap, Mixpanel, and Google Analytics. Implemented audio/video calling using Zego Cloud and integrated Stream Chat with customized UI.
- **Performance & Reusable Engineering:** Implemented GoRouter navigation and video pre-caching for faster reel loading, while developing custom Flutter plugins and packages to extend framework capabilities and improve code reuse.

TechdockLabs

Oct 2021 – Feb 2024

Senior Software Engineer

Lucknow

- **Flutter Development:** Built and maintained cross-platform mobile applications using Flutter and Dart, implementing scalable application architecture and reusable components.
- **Architecture, State Management & APIs:** Implemented Clean Architecture, MVVM, and MVC using Provider, GetX, and BLoC. Integrated REST APIs using HTTP and Dio with structured error handling and implemented Android/iOS platform-specific functionality.
- **Team Leadership & Plugin Development:** Led a team of 5 developers, conducted code reviews, managed Git-based code merging, and developed a Twitter authentication Firebase plugin using Kotlin and Swift.

Capgemini

Aug 2018 – Feb 2021

Software Analyst – Automation Testing → Android Development

Bangalore

- **Automation Testing:** Started as an Automation Tester, working on test automation, defect identification, and software quality.

- **Android Development:** Transitioned into Android development, building UI using XML and Android Studio and integrating REST APIs using Volley and Retrofit in Java.
- **Mobile Engineering Foundation:** Implemented application features and integrated third-party dependencies, building the foundation for the transition into full-time mobile.

Education

Dev Bhoomi Institute of Technology

Bachelor of Computer Application

2015 – 2018

Dehradun, Uttarakhand

Projects

ResumeValidator | *Next.js, LLM APIs, Ollama, PDF.js* [ResumeValidator.Site](#)

- **AI Resume Analysis:** Built an AI-powered resume analysis tool that compares resumes against job descriptions and identifies relevant and missing skills.
- **LLM Integration:** Implemented support for hosted LLM APIs and local models through Ollama, with a fallback keyword-based analysis approach for resilient resume evaluation.
- **Document Processing:** Implemented PDF resume parsing using PDF.js to extract resume content before passing structured text to the analysis pipeline.

MacDoctor | *Bash, macOS, Shell Scripting* [GitHub](#)

- **Developer Storage Analyzer:** Built a macOS developer utility that identifies large files, folders, caches, and development artifacts consuming disk space.
- **Developer-Focused Cleanup:** Added targeted cleanup workflows for VS Code caches, Xcode DerivedData and archives, iOS Simulators, Android AVD data, and other development artifacts.
- **Safe Automation:** Implemented dry-run support, explicit confirmation prompts, and restricted cleanup paths to reduce the risk of accidentally deleting source code or unrelated system files.

post.ai | *Python, Ollama, LLMs, Pillow, Telegram* [GitHub](#)

- **AI Content Pipeline:** Built an automated content-generation workflow using LLMs to generate themed quotes and transform them into shareable visual content.
- **Image Generation Workflow:** Used Python and Pillow to programmatically create quote images with configurable layouts and typography.
- **Content Automation:** Integrated Telegram publishing and designed the workflow around automated generation, formatting, and distribution with minimal manual intervention.

Flutter Open Source Packages | *Flutter, Dart, Kotlin, Swift* [pub.dev](#)

- **Flutter Package Development:** Published reusable Flutter packages including `streak_plus`, `twitter_auth_firebase`, `text_word_highlighter`, and `bytes_image_viewer`.
- **Native Platform Integration:** Built Flutter plugins integrating native Android and iOS functionality using Kotlin, Swift, and platform channels.
- **Reusable Components:** Designed packages for streak tracking, authentication, text highlighting, and image loading to solve reusable problems across Flutter applications.

Technical Skills

Languages: Dart, Kotlin, Java, Python, C

Mobile & Platform Engineering: Flutter, Android, iOS, Native Integrations, Platform Channels, WebView, Deep Linking

AI / LLM: LLM APIs, Ollama, Mistral, LangChain, Chroma, Prompt Engineering, RAG, AI-Assisted Development

AI & Speech Processing: Whisper, faster-whisper, Silero VAD, Porcupine, Coqui TTS, ElevenLabs

Backend & Integration: REST APIs, HTTP, Dio, Firebase, WebSockets, Third-Party SDK Integration

Architecture & State Management: Clean Architecture, MVVM, MVC, BLoC, Provider, GetX, OOP

Performance, Security & Reliability: Sentry, Crash Monitoring, Memory Optimization, Performance Debugging, WebView Security, Mobile Application Security

CI/CD & Developer Tooling: Git, GitHub, GitHub Actions, Fastlane, Shell Scripting, Android Studio, Xcode