

PARTH SINGH

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of experience building scalable, high-performance software solutions across startup and enterprise environments. Proven track record in Android development, AI/ML integration, full-stack engineering, and project leadership. Deep expertise in Kotlin, Python, and Generative AI, with a disciplined, results-driven approach to delivering world-class digital products.

WORK EXPERIENCE

Senior Software Engineer

Jan 2025 – Present

Fluid Touch Pte Ltd · Hyderabad, India

- Led development of advanced Android features for Noteshelf, a globally-used note-taking productivity app.
- Built and optimized key Kotlin modules: AI-powered note-taking, shape snapping, password-protected documents, custom font support, font tracing, and smart content filtering.
- Achieved a 25% reduction in latency and crash rates through systematic performance engineering.
- Maintained 99% uptime across Android devices via proactive monitoring and critical issue resolution.
- Automated AI/ML pipeline scripts and streamlined CI/CD processes to ensure high-quality, timely releases.
- Led Agile sprints, mentoring team members and driving cross-functional collaboration.

Full Stack Developer

Feb 2023 – Jan 2025

Fluid Touch Pte Ltd · Hyderabad, India

- Contributed to cross-platform growth of Noteshelf across iOS, Android, and Windows.
- Integrated Generative AI and LLM capabilities including smart transcription, summarization, and content understanding.
- Led LLM training, optimization, and on-device deployment enabling offline AI-assisted workflows in Noteshelf 3.
- Worked extensively with Python, Kotlin, Android Studio, and large language model frameworks.

Project Manager

Apr 2022 – Feb 2023

Purview Digital · Hyderabad, India

- Led and developed cross-functional project teams from planning through delivery across multiple digital products.
- Managed software, website, and app development using Python, Django, Node.js, React, HTML, and hybrid mobile frameworks.
- Oversaw scope, timelines, and budgets to align deliverables with client and business objectives.

EDUCATION

Bachelor of Technology (B.Tech) — Computer Science

Aug 2016 – Aug 2020

Swami Rama Himalayan University, Dehradun

- Published in International Journal of Artificial Intelligence and Soft Computing.
- Organized Hackathon 1.0 & 2.0 — multi-day tech fests with 10+ colleges and 300+ attendees.
- Conducted Android App Development workshop for 70+ participants.
- Student Head of 'Illuminants' tech club; led IoT seminars and web development workshops.

TECHNICAL SKILLS

Languages & Frameworks: Kotlin, Python, Java, JavaScript, React JS, Node.js, Django, HTML/CSS

AI / ML: Large Language Models (LLM), Generative AI, On-device ML, LLM Training & Optimization

Android: MVVM Architecture, Android Studio, Hybrid Mobile Apps (iOS / Android / Windows)

DevOps & Cloud: CI/CD Pipelines, AWS, Git, Agile / Scrum

Other: System Architecture, RESTful APIs, Performance Optimization, Ethical Hacking (Kali Linux)