

HARSHIT SINGHAL

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Education

Graphic Era Deemed University

Masters in Computer Application

Sep. 2024 – May 2026

Dehradun, Uttarakhand

St.R.C Convent College

Bachelors in Computer Application

Sep. 2021 – May 2024

Shamli, Uttar Pradesh

Technical Skills

Languages: Java, Kotlin, Python, JavaScript, SQL, PHP, C, HTML/CSS

Frameworks & Libraries: Jetpack Compose, Retrofit, Coroutines, Selenium, BeautifulSoup, Streamlit

Developer Tools: Android Studio, Google Cloud Platform, VS Code, Git/GitHub, Jupyter Notebook

Specializations: Mobile Application Development, API Integration

Databases & APIs: SQLite, MySQL, Firebase, REST APIs, OpenAI Vision API, Razorpay SDK

Projects

Amazon Product Scraper ([GitHub](#))

Dec. 2025

Tech: Python, Selenium, BeautifulSoup4, Streamlit, Pandas

- Engineered web scraping automation using Selenium WebDriver and BeautifulSoup with robust error handling for dynamic Amazon page structures
- Built Streamlit web interface with real-time progress tracking and multi-format export capabilities (Excel/CSV/JSON)
- Achieved 95%+ extraction accuracy across 200+ products with 5 data fields from inconsistent page layouts
- Delivered full-stack development from requirements to deployment within 12-hour development cycle

LinkedIn Comment Suggestion Application ([GitHub](#))

Nov. 2025

Tech: Kotlin, Jetpack Compose, MVVM, OpenAI Vision API, Coroutines, Retrofit

- Implemented OpenAI Vision API integration with Retrofit and Coroutines for asynchronous Base64 image processing
- Architected MVVM with API for persistent floating overlay system
- Delivered 2-3 second AI response times through optimized screenshot capture and API communication
- Resolved Android system challenges including overlay persistence, MediaProjection permissions, and lifecycle management

EarnOn - Task Earning Application ([GitHub](#))

Oct. 2024 – Nov. 2024

Tech: Java, XML, MVVM, PHP, Firebase, SQL, RESTful APIs

- Developed dual-platform task system with user and admin Android apps for task creation and withdrawal approvals
- Engineered custom REST API using raw PHP connecting apps with SQL database for real-time synchronization
- Implemented Firebase Auth and Firestore with MVVM across 8-10 endpoints for task tracking and user management
- Built withdrawal system with referral tracking, admin approval workflow, and task status monitoring
- Delivered production-ready application within 25 days from database design to Play Store deployment

AchieversHunt e-Books - Client Collaboration ([Live Link](#))

Jul. 2025 – Aug. 2025

Tech: Java, MVVM, Razorpay Payment SDK, SQLite, PDF Reader, Google Play Console

- Debugged legacy Java codebase with Razorpay SDK integration and SQLite schema modifications for e-book marketplace
- Refactored MVVM architecture across 12 screens optimizing payment flows and queries with error handling
- Reduced crash rate from 90% to 12% through systematic code review within 3-week deadline
- Delivered end-to-end Play Store deployment including app signing, console configuration, and stakeholder collaboration

Leadership / Extracurricular

Android Developer

2024 – 2025

Client-Focused Application Development & Technical Consulting

- Completed 8+ projects maintaining 5.0/5.0 rating across 4 countries, specializing in Android debugging and APIs
- Delivered debugging solutions reducing average client crash rates by 75% through systematic optimization
- Secured 5 repeat clients by delivering 2-3 days early with detailed documentation and post-delivery support