

## Contact

mayank29malhotra@gmail.com

[www.linkedin.com/in/mayank-malhotra-858917217](https://www.linkedin.com/in/mayank-malhotra-858917217) (LinkedIn)

## Top Skills

Vector Databases

Retrieval-Augmented Generation (RAG)

Transformers

## Certifications

ISA-British Council - ICT SKILLS

Data Science and Advanced Analytics - Value Added Course

BE10x Ai Tools Workshop

AI for Accessibility

Learn Android Application Development (Free Course)

# Mayank Malhotra

Associate Software Engineer @ Shell India Private Limited || AI Enthusiast || Backend Engineer  
Delhi, India

## Summary

Associate Software Engineer @ Shell | Flutter & Android Dev | AI & Automation Enthusiast | Building Scalable Apps

I'm a Computer Science graduate from VIT-AP (CGPA: 9.45) currently working as an Associate Software Engineer at Shell India. My focus spans automation, mobile app development, and building impactful products through smart tech.

Over the past few years, I've engineered mobile applications using Flutter and Android (Java), automated cloud-based solutions using Python and C#, and explored the power of AI/ML, especially through OpenAI's GPT models.

### Key highlights:

- Created InterVSim, an AI interview simulator using GPT-3.5.
- Built a Telegram bot that tracks real-time product availability using Flask, Selenium, and Render.
- Designed a full-featured Night Canteen App with payment, ordering, and staff access.
- Automated repetitive tasks at Shell, including reports and image pipelines, saving hours of manual effort.

### Tech stack:

Java, Flutter, Python, C#, .NET, SQL, Firebase, REST APIs, OpenAI, ML Kit

Currently learning: AI/ML, advanced automation, and scalable backend systems.

Let's connect if you're working on exciting AI-powered solutions, mobile tech, or automation tools. I'm always open to collaboration and innovative side projects.

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## Experience

### Shell

Associate Software Engineer  
August 2024 - Present (1 year 4 months)  
Bengaluru, Karnataka, India

Automated iHawk monthly analysis reports using Python, reducing manual processing time from 4 hours to just 1 hour.

Contributing to the Espir Supplier Application database upgrade using C# and SQL, improving performance and maintainability.

Developed a Continuous Improvement script to bulk-download images from HoloBuilder, reducing manual effort from months to hours and removing reliance on Holoviewer.

### Heliverse

Flutter Developer Intern  
January 2024 - August 2024 (8 months)  
Gurugram, Haryana, India

### Vellore Institute of Technology

Student  
May 2020 - May 2024 (4 years 1 month)  
India

### Coolbrains Innovation PVT LTD

Flutter developer intern  
August 2023 - October 2023 (3 months)  
Remote

- Developed a letter generation feature utilizing OPEN AI's GPT-3.5 API.
- Developed a Text Recognition from Image Feature Using Flutter ML Kit
- Complete User Interface for the DigiFY App

### Coolbrains Innovation Pvt. Ltd

Android Intern

January 2023 - February 2023 (2 months)

Delhi, India

- Created login and dashboard user interface for an Android app.
- Implemented email login functionality using Firebase.
- Gained hands-on experience in Android development, UI/UX design, and API integration.
- My internship is an invaluable learning experience that allowed me to grow both professionally and personally

Android Club VIT-AP

Core Team Lead

September 2021 - September 2022 (1 year 1 month)

India

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## Education

Vellore Institute of Technology

Bachelor of Technology - BTech, cse core · (2020 - 2024)

Jaspal Kaur Public School

· (2006 - 2020)