

# YUVRAJ SINGH

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Aspiring Software Engineer honing my craft with boundless passion and a first-time-right mentality.

## EDUCATION

**KIET Group Of Institutions, B.Tech in Information Technology**  
**St. Xavier's High School, High School**

Sep 2023

Aug 2022

Tech Finalists: Secured a place in Top 5 in Internal Smart India Hackathon  
Participant: IEEE Hackathon, NASA Space Apps Challenge'24  
Courses: Python Crash Course | Data Structures and Algorithms in C++

## EXPERIENCE

### SlotinSolutions | Android Developer Intern (Remote)

Nov 2024 - Feb 2025

- Developed and published 2 apps on Google Play Store: Unilet Gateway (property management) and My Town Bus App (public transit).
- Built Unilet Gateway using Kotlin, Jetpack Compose; integrated REST APIs for real-time data sync.
- Designed My Town Bus App with React Native (frontend) and Django (backend); implemented Razorpay SDK, reducing checkout time by 30%.
- Managed Play Store deployments for 4 apps, optimizing ASO and monitoring crash analytics via Firebase.
- Collaborated with teams to refine UI/UX.

### GSSOC | Project Admin (ShopSmart Android App)

Oct 2024 - Nov 2024

- Led development of an open-source shopping app using Kotlin and Jetpack Compose.
- Integrated AI-driven recommendations and Firebase; earned 20+ GitHub stars.

### GSSOC | Open Source Contributor (TalkIn App)

May 2024 - Aug 2024

- Enhanced a live chat app by adding a navigation bar and profile page; fixed critical backend bugs.
- Improved app stability by using Firebase Auth and Firestore.

### Innogeeks | Apprenticeship

Nov 2023 - Present

- Built 3+ Android apps using Kotlin, including a task manager with Room Database.
- Learned REST API integration, Material Design, and Git workflows.

## SKILLS

Languages Kotlin, Java, Python, C/C++, Dart, SQL

Frameworks Android SDK, Jetpack Compose, React Native, Django, Flask

Tools AWS EC2, Firebase, Git, Docker, Nginx, Play Store Console, RazorPay SDK

## PROJECTS

### CMT - Cold Mailing Tool | Developed using JetPack Compose, AWS and Gemini API

July 2024 - Sep 2024

- Developed a tool to automate personalized cold emails using Gemini's models for content generation.
- Integrated features like contact management, email template customization, and saving emails on cloud for future references using Firebase and Firestore.
- Deployed the service using Nginx and Gunicorn on AWS EC2, managing API requests and ensuring high availability.

### Agro Crop App – Designed for Smart Agriculture Solutions

Aug 2024 - Sep 2024

- Created an app to recommend the best crop and fertilizer based on soil parameters (N, P, K, and soil type).
- Integrated camera-based disease detection and real-time fertilizer recommendations through API hosted on AWS EC2.
- Managed data storage using DataStoreManager and communicated with a Flask backend using Nginx and Gunicorn.

### Orrery Web App - Designed for Simulation of Near Earth Objects

October 2024

- The Project is built on Three.js for simulating movement of Solar System and Near Earth Objects
- Developed a Gamified page where users can learn about Solar System and Near Earth Objects.

### Portfolio Website – Hosted on Nginx with SSL

Sep 2023 - Dec 2023

- Developed a personal portfolio website using HTML, CSS, and JavaScript.
- Configured DNS management and SSL certificates using Certbot for secure access.
- Managed backend services using Gunicorn and integrated continuous deployment for seamless updates.