

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

GSSOC, Project Admin of ShopSmart Android App | Remote

Oct 2024 - Nov 2024

- Led the development of ShopSmart, an Android app aimed at enhancing user shopping experiences.
- Accelerated the app development process delivering a fully functional, user-friendly shopping platform from scratch.
- Implemented key features such as intelligent shopping, real-time price estimation, and a sleek, responsive UI using Kotlin and Jetpack Compose.
- The Project is still under development at github.com/yuvrajsinghgm/shopsmart

GSSOC, Open Source Contributor of TalkIn App | Remote (India)

May 2024 - Aug 2024

- Contributed on a **live** chat app.
- I integrated the bottom Navigation bar, Profile Page and Backend Fixes.
- JetPack Compose Project built over Kotlin Language with Live Chat, Sign Up and Sign in Features by Firebase and Firestore

Innogeeks, Apprenticeship | India

Nov 2023 - Present

- Learned and developed skills in Android development, working with Kotlin and Java to build mobile applications.
- Gained hands-on experience in various technologies, including Firebase, REST APIs, and Git version control.
- Collaborated with team members on multiple projects, contributing to app development, UI/UX design, and back-end integration.
- Participated in coding workshops and hackathons, enhancing problem-solving and project management skills.

SKILLS

Languages	Python, C/C++, Java, Git, Bash, Kotlin, Dart, HTML, CSS, JavaScript
Cloud Services	Amazon Web Services EC2 , AWS Relational Database with MySQL, DNS Management
Software	Linux, Android Studio, Nginx, Gunicorn, Flask

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.