

HARSH TANTI

Aya Nagar, New Delhi

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Education

Netaji Subhas University of Technology

Bachelor of Technology in Information Technology(Internet of Things)(CGPA of 8.11)

December 2020 - May 2024

New Delhi, India

Rajkiye Pratibha Vikas Vidyalaya

CBSE XII Examination (92%)

April 2018 - May 2020

New Delhi, India

Shaheed Hemu Kalani Sarvodaya Bal Vidyalaya

CBSE X Examination (86.2%)

April 2013 - May 2018

New Delhi, India

Experience

Standard Chartered and Research(SOLV)

Aug 2024 – Present

Specialist - Android

Noida, India

- Enhanced the front end of the **Supply Chain Finance (SCF)** and **E-commerce** Android apps for improved usability and functionality.
- Upgraded the SCF app by **streamlining user detail collection**, **introducing invoice loan rejection**, and adding advanced invoice loan **filtering options**.
- Revamped the e-commerce app UI to deliver clearer **insights** into **shipped, returned, and canceled order** statuses.
- Empowered **sellers and admins** with access to **cancellation proofs** directly on the order cancellation page for **greater transparency**.

Standard Chartered and Research(SOLV)

Feb 2024 – Aug 2024

Graduate Engineer Trainee - Android

Noida, India

- Revamped the front end of **E-commerce** and **Buddy** Android app, enhancing user engagement and satisfaction.
- Implemented the dynamic **catalog** tab for **Footwear** category making **color** and **size** widget **dynamic**, leading to a more customizable and user-friendly interface
- Developed **dynamic dialog boxes** for **size selection** in the **catalog** tab using **MVVM** architecture, **Hilt** for dependency injection, **Retrofit** for network operations, and **Kotlin**.

Projects

Snappy Notes | Kotlin, MVVM, Hilt, Retrofit, Express-JS, Mongo-DB | GitHub

- Utilizing the programming language **Kotlin**, **Hilt** for Dependency Injection, and **Retrofit** for n/w calls.
- Using **Express-JS**, a secure API using **JSON Web Tokens (JWTs)** for authorization was designed.
- Added a smooth **login/signup** function that uses **Shared Preferences** to manage user sessions for auto sign-in.
- MVVM** architecture was put into practice for effective code maintenance, scalability, and data management.

Content Personalisation | Python, Numpy, Pandas, Seaborn, Scikit-Learn, Tensorflow | GitHub

- Developed a system that suggests **text and image** of posts of a particular category to a targeted audience.
- Analyzed post engagement by extracting text using **Pytesseract** and finding the image area covered by text using **cv2**.
- We divided the post of each category into 3 further category-contain **only text**, **only image**, and **contain both**.
- Used cosine similarity and ranking matrix i.e., Collaborative filtering to find users with similar big-5 scores.
- Utilized a multi-step approach combining **Support Vector Machine (SVM)**, **Long Short-Term Memory (LSTM)**, and **OpenAI DALL-E model** for post recommendation.

Academic Achievements And Awards

- * Secured **AIR 1** in the machine learning hackathon organised by Adobe - **Adobe Experience Cloud**.
- * Ranked under **64** at Codechef Contest which ranks among the top sites for competitive programmers. Highest rating of 1747 and rated **3***.
- * Solved more than **500+** problems across platforms Like Leetcode, GFG, CodingNinja, HackerRank.
- * **Coursera Professional Certification:** Google Cloud Digital Leader Training
- * **Coursera Specialization Certification:** Introduction to scripting in Python, DeepLearning.AI TensorFlow Developer

Technical Skills

- * **Languages:** C++, Python, Kotlin, HTML/CSS, JavaScript, SQL
- * **Libraries:** Scikit-Learn, Pandas, NumPy, Seaborn, TensorFlow
- * **Development tools and Frameworks:** Vercel, GIT, GitHub, BitBucket, Latex, MySQL, MongoDB, RoomDB
- * **Relevant Skills:** Android SDK, Mobile Application Development, API Development, LINUX, Agile Methodologies.
- * **Relevant Courses:** Data Structures, Object Oriented Programming, Database Management System, Operating System, Machine Learning, Deep Learning.