

Chaitanya Shrivastava

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EDUCATION

- B.Tech in Computer Science Engineering**, SRM Institute of Science and Technology 06-2019 – 06-2023
Chennai, India
- Programming Coursework: Data Structures and Algorithms, Operating Systems, Computer Networks
 - CSE Coursework: Raspberry Pi, Data Mining, Network Routing, Information Storage Management
 - 7th semester(currently): **8.8 GPA**
- Central Board of Secondary Education(XII)**, Tagore International School 03-2018 – 03-2019
New Delhi, India
- CBSE National Exhibition Winner (Regenerative Braking System)
 - **92%** (CBSE Boards)

EXPERIENCE

- Android developer Associate**, The Entrepreneurship Network 09-2021 – 12-2021
- Developed native Android applications and frameworks using **Java** and implemented robust app architecture.
 - Determined architectural and product design details for open-ended tasks and specifications.
 - Collaborated with teammates to ensure quality in all phases of app development.
- STEM Connect Virtual Experience Program**, Deloitte 08-2021 – 09-2021
- Computed an algorithm to unify two different data models using **JSON** and **Python**.
 - Built a dashboard to explore the client's telemetry data.
 - Created a Software Development Proposal.
 - Identified a security issue and completed an investigation into unfair pay.
- Intern**, Highradius 01-2022 – 04-2022
- Performed **Data Pre-processing** on the invoice data.
 - Created account-level analytics to visualize and interpret data in form of grids, graphs, and load data in the database schemas.
 - Built a **responsive UI** to display the invoice data loaded from the database.
 - Implemented **CRUD** operations and added support for **predicting** the payment date for one or more invoice(s).
 - Utilized: **Python,SQL,ReactJs, JDBC, Java, Servlets,NodeJs**.

PROJECTS

Personal Website : <https://cs-cse.github.io/portfolio/>, for additional information and projects.

CheckMyCash

- Developed an Android Application using Java and Android Studio that detects Indian currency denominations.
- Incorporated CustomVision API to create the dataset and train the machine learning model.
- Trained and created a mobile compatible model using TensorFlow Lite.
- Integrated with Azure Pipelines to leverage caching and access to storage in an online database.
- Utilized: **Java,Android Studio,TensorFlow Lite,CustomVision API,SQL Lite,Azure Pipelines**.

KAY-O

- Developed a Chatbot application using Java and Android Studio.
- Created using BrainShop API to make an interactive agent.
- Added features of implementing special remarks/replies on certain commands.
- Utilized: **Java,Android Studio,SQL Lite,BrainShop API,Rhino Library**.

SKILLS

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|----------|-----------------------|------------|----------|
| • Java | • Android Development | • Flutter | • MVVM |
| • Python | • Kali Linux | • Firebase | • SQLite |

CERTIFICATES

- Cloud Infrastructure Foundations (Oracle)
- Cybersecurity Essentials (Cisco)
- Fundamentals of Digital Marketing (Google)