# 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 – 03-2022
- 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

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

## CERTIFICATES

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