

Vinayak Sharma

Engineering Undergraduate
Department of Computer Science and Engineering

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Education

SRM Institute of Science and Technology

August 2020 – June 2024

Bachelor of Technology (Computer Science and Engineering)

CGPA: 9.43/10

Shanti Niketan Public School

May 2019 – May 2020

12th Standard

Percentage: 70.4%

St. George's College

May 2017 – May 2018

10th Standard

Percentage: 83.6%

Experience

Salesforce Developer Virtual Internship

May 2023 – July 2023

Intern

Remote

- Designed and developed custom objects, fields, and relationships to enhance data modeling.
- Created Apex triggers and classes to automate complex business logic and data validation, reducing manual errors by 30% and increasing operational efficiency.
- Developed Visualforce pages and Lightning components to create user-friendly interfaces for data input and retrieval.

Projects

CRUD API | *Java, Spring Boot, Postman Git*

April – April 2024

- Developed a comprehensive CRUD (Create, Read, Update, Delete) API using Spring Boot, designed to manage customer data efficiently. This project demonstrates proficiency in building RESTful web services and showcases the integration of Spring Data JPA for database operations.
- It utilizes Docker to run a PostgreSQL database for storing customer data, ensuring a consistent and isolated environment for the database.

Flash Chat | *Flutter: Dart, UI Designs, Animations, Firebase Git*

November – December 2023

- Flash Chat facilitates instant communication by enabling users to exchange messages in real time, ensuring that conversations feel natural and fluid.
- The app empowers users to create and participate in group chats, enabling seamless communication among multiple participants.

CryptoCurrency App | *Kotlin, API Integration, Retrofit, RecyclerView, CardView Git*

January – January 2024

- Successfully developed a Cryptocurrency Tracking App from the ground up, showcasing my proficiency in Kotlin programming and Android app development.
- Gained a deeper understanding of API integration, background services, and data visualization in the context of a real-world application.

Visual Insight | *Kotlin, Camera2 API, Machine Learning Techniques, Computer Vision Git*

February – March 2024

- The Real-time Object Detection Android App in Kotlin leverages the Camera2 API to enable users to detect objects in real-time using their smartphone's camera.
- This innovative application harnesses machine learning models and computer vision techniques to identify and highlight objects within the camera's viewfinder.

Technical Skills

Languages: Java, Kotlin, Dart, Golang, Python, JavaScript

Technologies: Android App Development (Kotlin), Ktor, Cross-Platform Development (Flutter, Dart, State Management, Widget libraries), Data Structures and Algorithms (Java), Structured Query Language(SQL), Spring Boot, HTML, CSS, AWS EC2, IAM

Software & Tools: Flutter SDK, Git and GitHub (Version Control), Integrated Development Environments (IDEs): Android Studio, IntelliJ IDEA, Eclipse

Certifications

Certificate 1: Data Structures and Algorithms using Java.- NPTEL

Certificate 2: Introduction to Programming in C.- NPTEL

Certificate 3: The Complete Flutter Development Bootcamp with Dart.- Udemy