

Sai Siddhardha Darsi

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WORK EXPERIENCE

KYNHOOD | ANDROID DEVELOPER

Chennai, India | Apr 2024 - Present

- Led the migration from **XML-based layouts** to **Jetpack Compose**, reducing app size by **39%** and improving performance & code maintainability.
- **Developed** and optimized core UI components using **Jetpack Compose**, enhancing UI/UX & accelerating development timelines.
- **Implemented** advanced analytics with **Mux**, providing actionable insights while adhering to **Clean Architecture** principles with **Coroutines**, **ViewModel**, and **Hilt** for dependency injection.
- **Modernized** the build system by integrating **Gradle's Version Catalog**, streamlining dependency management and ensuring scalability for future development.

KLA | SOFTWARE DEVELOPMENT ENGINEER INTERN

Chennai, India | May 2023 – Oct 2023

- Containerized a complex **C#/.NET Framework** service application, incorporating multiple third-party services and dependencies, resulting in a **13%** reduction in deployment time and enhanced portability
- Established remote server connections by segregating 3rd-party applications and optimizing resource utilization for better performance.
- Resolved compatibility issues with various third-party dependencies in the development process by analyzing the problem and leveraging **Docker** capabilities to solve the problem with peer team guidance.

PRIME VOGUE | FLUTTER DEVELOPER

Remote | Jun 2022 – July 2022

- Implemented application and software solutions using **Flutter** and **Firebase**, optimizing the learning experience for **120+** customers and improving it by technical troubleshooting with test strategies.
- Crafted **backend models**, seamless integration of applications for efficient functionality, & data maintenance.
- Exhibited creative **UI/UX** expertise in the software development lifecycle, crafting a responsive design that elevated user engagement and satisfaction, increased user retention and provided positive feedback and metrics

EDUCATION

IIITDM KANCHEEPURAM

Chennai, India | 2020 - 2024

BACHELOR'S IN COMPUTER SCIENCE AND ENGINEERING

CGPA: 8.3 / 10.0

Coursework: DSA | object-oriented Programming(OOP's) | Biostatistics | Computer Networks | Database Management System | Operating Systems | Artificial intelligence | Design and Analysis of Algorithms

CERTIFICATIONS: IBM Data Science Professional certificate

SKILLS

Languages:	Kotlin, Python, Java, C++, C#, SQL, Dart
Android Development:	Jetpack Compose, MVVM, Material3 UI, Coroutines, Hilt, Retrofit, okHttp, Exoplayer
Frameworks:	Flutter, .NET, Django, Flask
API'S:	gRPC, Rest API, JSON, .Net Remoting
Libraries:	OpenCV, Pandas, NumPy, Seaborn, Matplotlib, Sklearn, NLTK, Gradio
Dev Tools:	Git, Docker, Figma, Android Studio, GitHub, Postman, Kibana
Databases:	PostgreSQL, MySQL, SQL Server, FireBase, ElasticSearch

PROJECTS

BLUE TERRE REAL ESTATE

DJANGO | POSTGRESQL | DOCKER | HTML | CSS

Developed and deployed a highly scalable real estate website using the Django framework, PostgreSQL database, and Docker Compose; achieved streamlined deployment and ensured optimal scalability for seamless user experience.

LOG INGESTOR AND QUERY INTERFACE

DJANGO | DJANGO REST | ELASTICSEARCH | KIBANA

Engineered and deployed a robust log management system, optimizing log ingestion for high volumes via **HTTP**, implementing a scalable architecture, and integrating Kibana for seamless querying and data visualization, enhancing system efficiency and user accessibility.