

DEEPAK BUDHIRAJA

Senior Software Engineer

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EXPERIENCE

Senior Software Engineer

Samsung (SRI-B)

📅 August 2022 – Present

📍 Bengaluru

- Pioneered the delivery of innovative solutions aimed at optimizing **Samsung's cross-device** experiences, ensuring seamless connectivity across platforms.
- Instrumental in leveraging **Knox Matrix** to effectively manage and safeguard interconnected devices within a **trusted network**.
- Directed efforts to develop and maintain server-side functionalities tailored for integration into **Samsung's flagship devices**, optimizing performance and user experience.
- Led a pioneering project to enhance the security of Samsung devices worldwide through the implementation of the **Secure Remote Password protocol (SRP)**, managing over **70** million devices.
- Significant contributor to the **Big Data Platform** team, adept at crafting and implementing user personas based on diverse **KPIs**, utilizing regionally collected data.
- Additionally, led the development of a cutting-edge **Persona Engine** to automate persona creation, to ensure seamless integration within the platform infrastructure.

S&S Intern

Delhi Metro Rail Corporation

📅 Jan 2022 – March 2022

📍 Delhi, India

- Worked at Signaling Department of DMRC, which includes daily visits to control operation centers and understanding of Automatic Train Supervision, Automatic Train Protection, Automatic Train Operation.

PROJECTS

Movie Recommendation App

📅 December 2021

- Developed an advanced recommendation system offering a wide array of suggestions based on genre popularity, content-based filtering, and collaborative filtering preferences selected by the user.

Excel Clone

📅 October 2021

- Designed a versatile application equipped with text formatting, alignment options, and essential functions such as add, delete, open, and save capabilities. Leveraged graph data structures to seamlessly integrate Excel-like formula functionality.

Camera Application

📅 August 2021

- Developed an application enabling users to seamlessly record videos and capture images with advanced features such as filters, zoom functionality, and efficient data storage management.

EDUCATION

Bachelor of Technology (ECE)

HMRTM Delhi

📅 August 2018 – 2022

CGPA:8.62

CBSE (Class XII)

KIIT WORLD SCHOOL

📅 May 2018

85%

CBSE (Class X)

KIIT WORLD SCHOOL

📅 May 2016

CGPA:8.60

SKILLS

Java

Python

HTML

CSS

JavaScript

Git

ReactJS

SQL

Data-Structure&Algorithm

SpringBoot

LaTeX

Web Scrapping

Automation

COURSEWORK

- Data Structures and Algorithms
- Object- Oriented Programming
- Software Engineering
- Engineering Mathematics I & II
- Operating Systems
- Database Management Systems

POSITION OF RESPONSIBILITY

- Cleared **SWC Professional** certification and conducted quarterly SWC test sessions for Samsung(2022)
- Volunteer at **-Robin Hood Army**, Delhi, organizing cloth donation, blood donation, and cleanliness drives at regular intervals in the city.

ACHIEVEMENTS

- Received **Excellence Award (2023)** for collective contributions to a team project, advancing R&D initiatives at SRIB.
- Recognized under Study Mate scholarship program for excellence in Mathematics.
- 5-star coder status on HackerRank.
- Runner-up in 100m Athletics competition.