

# SUGHOSH SUDHANVAN

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## EDUCATION

**University of Southern California, Viterbi School of Engineering**  
**Master of Science, Computer Science**

**Los Angeles, CA**  
June 2023 – May 2025

**Narsee Monjee Institute of Management Studies, MPSTME**

**Bachelor of Technology, Computer Engineering**

**Minor: Machine Learning and Data Analytics**

**Awards:** Certificate of Merit; First position in Final Year Project competition

**Mumbai, India**  
July 2017 – May 2021  
GPA: 3.68/4

## EXPERIENCE

### Cerebranium GmbH

Mumbai, India

Software Development Engineer 2

June 2021 – June 2023

- Spearheaded development of robust and user-friendly mobile applications using Flutter Clean Architecture for Promexa and Myracle.io, meeting specific product requirements.
- Contributed to DevOps by devising scripts with GitHub Actions, automating app building and deployment, resulting in efficient and consistent server deployment.
- Prioritized application stability by implementing comprehensive end-to-end integration tests and unit tests, integrated into the CI/CD pipeline, ensuring ongoing quality assurance.
- Managed release process for production applications on AppStore and PlayStore, ensuring seamless delivery to users while adhering to standards and guidelines.

### Cerebranium GmbH

Mumbai, India

Software Engineering Intern

October 2020 – May 2021

- Constructed Promexa applications using Flutter Clean Architecture, streamlining the examination process for students and faculty with an offline-first approach and advanced AI proctoring system, resulting in effective launch on iOS AppStore, Android Play Store, and web platform.
- Collaborated with students and faculty members to build user-friendly solutions.

## LEADERSHIP AND INVOLVEMENT

### Cerebranium GmbH

Mumbai, India

- Headed a team of 10 engineers from various domains, ensuring product success through effective leadership and coordination.
- Managed team operations in a completely remote-first organization, achieving effective project execution and fostering productivity and cohesion.

## ACADEMIC PROJECTS

### Agri Guide

2021

Created a mobile and web app for farmers, utilizing weather and yield predictions to optimize crop selection and enhance decision-making.

### Fabric Defect Detection

2020

Devised a MATLAB program that detects fabric defects by identifying and highlighting damaged regions on images.

### Business Vision

2020

Created a website facilitating seamless and authentic product sales from wholesalers to retailers by validating them through Aadhar and GST numbers.

### Mini Operating System

2019

Created a JAVA application emulating crucial functionalities of a Linux Kernel, such as process management, I/O operations, file handling, and memory management.

### Gift of Life

2018

Constructed an Android app connecting individuals with nearby hospitals/blood banks for blood donation or receiving, fostering a noble cause that was a need of the hour.

## SKILLS AND INTERESTS

- Languages: English (Fluent), Hindi (Fluent), Kannada (Conversational)
- Technical: Flutter (advanced), TypeScript (advanced), Python (advanced), React (intermediate), Kotlin (intermediate), Swift (intermediate), C++ (intermediate), Databases (intermediate)
- Interests: Cricket, Table Tennis, Yoga