

# SUNCHIT SHARMA

SOFTWARE ENGINEER AT  
META

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## WORK EXPERIENCE



Meta (Previously Facebook)

Jan 2022 - Present @ London



Oracle Cloud

Aug 2021 - Jan 2022 @ Bengaluru



Samsung Research

June 2019 - Aug 2021 @ Bengaluru



IIIT Hyderabad

2017 - 2019 @ Hyderabad



Samsung Research

May 2018 - July 2018 @ Bengaluru



RWX Technologies

June 2016 - July 2016 @ Roorkee

### Software Engineer

- Currently a Software Engineer at Bootcamp
- Have worked with a bunch of teams on smaller tasks aimed to identify the work in them.
- Currently in the stage of Choosing the best team for me.

### Software Developer 2

- Working on developing Oracle's Distribution of Hadoop for Oracle Cloud Infrastructure.
- Worked on resolution of Critical Vulnerabilities in code

### Senior Software Engineer

- Open Source Contributions



Linux Foundation (LF)-Edge's, Home Edge Orchestration Platform:

Developed major features and participated in releases. Regular contributions for Bug Fixes, Adding new features, Code Improvements.



Samsung On-device Neural Engine: Participated in Inner and Open Source Development of operators for the Neural Engine 'ONE'.

- Working on Samsung's I.O.T framework in the 'Smart Home' domain.
- Designed and prepared working Demos for Samsung in IOT Solutions World Congress 2019, Barcelona
- Designed and prepared working Demos for Home Edge Team in Samsung Open Source Conference 2019, Korea
- Received Spot award for contributions in Samsung's Machine Learning platform and for Key contributions in various International Demos.

### Teaching Assistant

- Aug 2018 - May 2019
  - CSE563 : Internals of Application Servers : Under Prof. Ramesh Loganathan- The coursework revolved around building a fog based distributed platform. This involved Designing the Architecture and Implementing the end to end system.
  - CSE603 : Advanced Problem Solving : Under Prof. Venkatesh Choppella, Prof Vikram Pudi- The coursework was involved Data Structure, Algorithms and Problem Solving

### Research Intern

- Developing voice intelligent applications that are cross platform and capable on providing various services like common voice assistants depending on the host.

### Student Researcher

- Made a project on Laughter and Emotion Detection in people with Speaking and Hearing Disabilities.

## EDUCATION

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International Institute of  
Information Technology  
Hyderabad  
2017 - 2019

### Masters in Technology, Computer Science

- GPA : 8.68
- Deans Merit List Holder (For 3 Semesters ), Student Placement Coordinator, Member of Parliament, IIIT Hyderabad (2017-18)
- Worked on Natural Language Processing, Application Servers, Blockchain technology, Distributed Systems.



College of Engineering Roorkee  
2013 - 2017

### Bachelor of Technology, Computer Science

- Percentage : 76.3
- Coordinator of the Cultural Committee, Member of the N.G.O 'Team Pankhuri.
- Developed insight into Operating Systems, Algorithms, Networks, Theory of Computation, Database Systems.



St Joseph's Academy, Dehradun  
2000 - 2013

### School

- X - 90 % | XII - 90.25 %

## PATENTS

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Dynamic Device Selection for AI based Distributed Processing in IoT Environment

IN 202141009867

Secure UWB based Critical event handling in IoT

IN 202141049481

## RANKS AND SCORES

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### • UGC NET 2018

Percentile : 99.72

### • IIIT PGEE 2017

All India Rank : 06

### • GATE 2017

Percentile : 99.25

## ACADEMIC PROJECTS

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### •→ Distributed sensor based monitoring platform.

JAVA, BASH, VAGRANT, DOCKER, RABBITMQ, MLABS

- The platform is a fully distributed, fog and edge computing based platform where one can deploy multiple monitoring applications.

### •→ AI on Edge platform.

PYTHON, BASH, VAGRANT, DOCKER, RABBITMQ, TENSORFLOW

- A distributed platform that supports deployment of TensorFlow based AI Applications and supported all IOT features along with it.

### •→ VI like text editor for Linux based Systems.

C, C++

- A Text editor for Linux with text and command handling capabilities.

### •→ Goofy and Scrooge coins : Simple Crypto-currency systems.

PYTHON

- Simple uni-system crypto-currency

### •→ Splitwise Web-Application.

NODEJS, MONGODB, BOOTSTRAP

- A web application for splitting up and settling bills between people like the splitwise application.

### •→ AI based Trip Planner Chat-bot.

PYTHON, NLP

- A Dynamic Trip planner Chat-bot which can be used to plan a trip right from suggestions to bookings.