

# Umar Farooq

FINAL YEAR (B.TECH.) | COMPUTER SCIENCE AND ENGINEERING | NIT CALICUT

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## EDUCATION

B.Tech in Computer Science and Engineering (Expected **2022**)  
Higher Secondary Certificate (Class 12)

NIT Calicut  
Hyderabad Institute of Excellence

## SKILLS

**Languages:** C/C++ | Python | Java | SQL

**Libraries/Frameworks:** React | Flutter | gRPC | Protocol Buffers | Nodejs | Express

**Environment:** Linux(Debian)

**Cloud Platforms:** GCP | Heroku | Netlify

**VCS:** Git

## WORK EXPERIENCE

**SOFTWARE INTERN** | Bugsmirror Summer Intern

May 2021 - July 2021

Developed gRPC, Protocol Buffers and Flutter based application

Implemented Test driven Development

Got familiar with java based android applications and Golang Rest APIs

## PROJECT

**SOS APP** | Personal Project

May 2021 - May 2021

Emergency app made using java which sends current location of user upon various triggers

Used Geocoder for Location, Sensor manager for shake trigger and Broadcast receiver for Powerbutton trigger

**PERMISSION CHECKER APP** | Personal Project

May 2021 - May 2021

This is a minimal app which allows user to see permissions used by each app in their android device

**MINI OPERATING SYSTEM(EXPOS)** | Course Project

Aug 2020 - Nov 2020

Implemented a mini Operating system on XSM machine architecture built by NITC

Implemented Process scheduling, Resource allocation, Interrupts and OS Modules using ExpL

## ACHIEVEMENTS

Won third prize in cisco webex hackathon

2021

Runner up for code innovation series by github/incubated

2021

Successfully completed Hacktoberfest2020 with 4PRs

2020

Eamcet telangana Rank 885, JEE Mains Open AIR 4711

2018

## CERTIFICATIONS

**Full Stack Open 2021** : Course by university of Helsinki with submissions done on github

2021

**Teqip III Cyber Security** : Skill training programme done under NITC Faculty

2020

## EXTRACURRICULAR

**Special Project Coordinator** National Service Scheme, NIT Calicut

2019 - Present

**Joint Secretary EDS** IEEE, NIT Calicut

2019 - 2020