

Kripanshu Mor

M.Tech. | NIT Rourkela

Electronic systems and communication(Electrical Engineering)

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Education

AUG 2019-JULY 2021

M.TECH. (ELECTRONIC SYSTEMS AND COMMUNICATION)
NIT Rourkela

MAY-2018

B.TECH. (ELECTRICAL ENGINEERING)
IGEC SAGAR(M.P.)

MAY-2013

INTERMEDIATE
Govt. School of excellence no.1 Datia,Madhya Pradesh

Skills

Software Development

Debugging & testing

Technical writing

Team building

- C++(version 11/14)
- Data Structures and Algorithms
- OOPS
- Multithreading
- STL
- OOPS
- Gtest
- Debugging
- Git/Github
- Knowledge of ARXML
- Knowledge of Adaptive autosar

OPERATING SYSTEMS

Windows, Linux, Android

SOFTWARES

Spirent, Wireshark, Xshells, Excel, Power Point

LANGUAGES

English, Hindi, Bundelkhandi

Strength

- Analytical and Logical approach
- Accountability
- Quick learner

Work Experience/Projects

Software Engineer

KPIT, Pune,INDIA

May_2023-present

Probe_app is a component that receives data from different sensors, stores the data, and processes it. After processing, it sends the data to other components according to business requirements.

Tools: Visual-studio, Putty, Winscp, Rcar, Parasoft tool, JIRA,KAP

Responsibilities:

- Designing and maintaining reliable and efficient C++ code
Analyze business and technical requirements, requirement analysis, design and development of new features
- Determining requirements and writing and deploying algorithms, locating and devising solutions for bugs and maintaining code quality
- Testing and implementing C++ applications for windows platform, fixing software issue's and documenting software development cycle phases
- Understanding and Creating Requirement's Specification for New Software requirement.
- Good Exposure to the complete Software Development Lifecycle
- Have a good experience in handling MISRA violations and Involved in client call, bug fixing, resolving issues in functional requirements

C++Developer

JIO(Consultant)

Nov_2022-apr_2023

The MME software leverages successful MME code base but has been architected to for the Microservice based cloud environment. It is a Cloud Native MME that can Support 4G/5G and NB-IoT Radio Access Technologies on the same microservice based network function. Design and Developed a MME feature in LTE according to 3Gpp Specification.

Software Engineer

Mphasis, Pune,INDIA

Aug_2021-Oct_2022

- Testing and implementing C++ applications for windows platform, fixing software issue's and documenting software development cycle phases.
- Determining requirements and writing and deploying algorithms, locating and devising solutions for bugs and maintaining code quality

Accomplishments

- Built capabilities within the team for the understanding and implementation of probe specific feature for Project.
- Received E-Star award for accountability and on-time delivery
- Coordinated team efforts to improve Productivity

Face recognition using deep learning

M.tech

Aug_2020-July_2021

Previously, In facebook we had to tag people in photos by clicking on them and typing their name. Now as soon as we upload a photo, Facebook tags everyone on its own, this is the main role of facerecognition.

Simulation of power factor correction using boost converter

B.tech

2018

Build accurate simulation models of switched-mode power supplies, AC motors, and other loads in the distribution systems.

Achievements/Certifications

2020 **Machine learning**

(IBM)

Completed a course on Machine Learning with Python.

2020 **American Telephone and Telegraph**

Summer Learning Academy.

2019 **Conducted by IITMadras**

(Gate)

Score 47.47 out of 100 in GATE exam,2019.

2017 **Excellent**

(BHEL)

During training.

2014 **Cleared Joint Entrance Examination (Mains JEE)**

Extra Curricular Activities

2017 **Team Head**

BHEL

During training ,Headed a team of 8 Members of Training in Bharat Heavy Electricals Limited, Jhansi, Uttar Pradesh.

2015/2017 **Organizer**

I have been part of the event in college and my aim to develop character, discipline and leadership.