SATYAM KUMAR

Bangalore, Karnataka

📞 +91-9113158489 ✉ satyamkrjha040@gmail.com 🔗 /satyam-kumar ⬡ Shoolapani 📊 satyam

EXPERIENCE

Harman | **Sep 2021 – Present**
ASSOCIATE ENGINEER | *Bangalore, Karnataka*

- Built extensive unit test coverage for all new features using **GTest** framework in C++.

- By writing more than **800** lines of code which increased the efficiency of developers by **23%**.

- increased the code coverage from **0 to 93.2%**.

- Lead a team of **2 developers** for the writing UT setting up the CI/CD pipeline in Git-lab for UT.

- Implementing the **API** by going through LLD & HLD.

EDUCATION

KIIT UNIVERSITY | **2017 – 2021**
*Electronics and Electrical Engineering - **CGPA - 8.17*** | *Bhubaneswar, Odisha*

Shanti Misson Academy | **2016 – 2017**
*Class 12 - **Percentage - 86%*** | *Saharsa, Bihar*

JNV, Saharsa | **2014 – 2015**
*Class 10 - **CGPA - 10*** | *Saharsa, Bihar*

TECHNICAL SKILLS

Languages: C++, C, Java, JavaScript, HTML, CSS ,SQL.
IT Constructs: OOP, OS ,Data Structure and Algorithms.
Technologies/Developer Tools: Linux, GitHub, Git ,VS Code, DEV C++, Jira, Confluence, Latex.

PROJECTS

Embedded Driver Development ⬈ | C, C++ | **May 2021 - July 2021**
- In this Project I used STM32 Family Micro-controller **STM32F407G** .
- Driver Development is done from Scratch.
- Developed in C and C++ Modular Programming and have more than **600 lines of code.**
- In this all Interrupt Handling both **Software and Hardware**.

INTERNSHIP

TTC DLW under Indian Railways ⬈ | **May 2019 – Jun 2019**
Summer intern | *Varanasi, Uttar Pradesh*

- learnt about Circuit Breaker, transmission & distribution.

AWARDS RECOGNITION

- Secured around **3000 rank among 100000 Candidates** in GATE-2021.

HOBBIES & INTERESTS

Problem Solving

Recitation of Vedic Mantra