Subhash Kumar

LeetCode : subhash001

LinkedIn : subhashkumar501/

Email : subhashishwar001@gmail.com

Mobile : 7462072823

GitHub : subhash501

EXPERIENCE

Western Digital (SanDisk)	Bengaluru
Firmware Verification Engineer	*July 2022 – June 2023*

- Worked with cross functional team to validate and improve performance of SSD firmware.
- Designed, developed and integrated test in Python for SSD firmware feature related to read, write, erase and data recovery sequence.
- Have profound knowledge in SSD architecture and involved in various phases of validation cycle. Contributed to error-handling firmware design and algorithms written in C and C++.
- Technologies worked: - **NAND Flash**, **Python**, **C++**, **NVMe**, **PCIe**, **SSD**, **Jira**.

EDUCATION

Lovely Professional University	**Jalandhar, Punjab**
Bachelor of Technology (CSE) - CGPA: 8.17*	*July 2019 – June 2023*
K.S.R.I College	**Samastipur, Bihar**
Intermediate -B.S.E.B -75.8%	*2019*
+2 High School	**Samastipur, Bihar**
Matriculation – B.S.E.B -65.2%	*2016*

SUMMARY

Languages: C++, Python, JavaScript
Web Development Tools: HTML, CSS, ES6, TypeScript, React JS, Node JS, Express JS
Database: SQL, MongoDB
Courses: Operating Systems, Data Structure and algorithms, Computer Networking, Database and Management System, Object oriented programming
Other Tools: GIT/GitHub, VS Code, Android Studio

PROJECTS

- **Food Express -**   **Github Link: clickHere**
  - Create a food delivery web application. Where user can authenticate then choose food of their choice and Proceed for orders. This application fetch all food items data from mongoDB database.
  - Used **HTML** ,**CSS** ,**JavaScript** ,**ReactJS** for frontend , **NodeJS** and **ExpressJs** for backend ,**BecryptJS** and **JWT** for Authentication**, MongoDB** for database

- **Flash Type** - **Live Deployed Link: clickHere**   **Github Link: clickHere**
  - Created a user-friendly web application and interactive platform that allows users to test and improve their Typing speed
  - Utilized **ReactJS** to create a responsive and intuitive user interface (UI) that provides a smooth and enjoyable User experience

- **Dream Outlet** -   **Github Link: clickHere**
  - Created an android E commerce application. It has two portals, first one for User and second one for admin. Admin has right to login, add product and see order placed by customer and user has right to register, login add product to cart and buy product.
  - Used **Java** for all computational part, **XML** for front end and **Firebase** for database

ACHIEVEMENTS

6* in Problem solving at HackerRank
Solved 500+ problems at GFG and LeetCode
Earned golden badge in C++ at HackerRank

CERTIFICATES

Competitive Programming (CipherSchools)
JavaScript (HackerRank)
Problem Solving (HackerRank)
Python (HackerRank)
Java (HackerRank)
Responsive web Design (FreeCodeCamp)