

# Mohammed Faisal

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## EDUCATION

**VISVESVARAYA  
TECHNOLOGICAL UNIVERSITY**  
HMS INSTITUTE OF TECHNOLOGY  
ELECTRONICS AND COMMUNICATION  
ENGINEERING (B.E)  
Aug 2018-Aug 2022  
CGPA: 7.44

## LINKS

**GitHub:** Faisal22  
**LinkedIn:** mohammedfaisal1  
**HackerRank:** mohammedfaisal11

## SKILLS

### PROGRAMMING

#### LANGUAGES | TECHNOLOGY

- Java
- HTML/CSS
- JavaScript
- Python
- Data Structure
- Algorithm

#### DATABASE

- Oracle
- MySQL

#### SOFTWARE TESTING

- Manual Testing

### TOOLS/APPLICATIONS

- Visual Studio
- Eclipse
- IntelliJ
- PyCharm
- Jira
- Slack
- MATLAB

### OPERATING SYSTEMS

- Windows
- MacOS
- Linux
- UNIX

### HARDWARE

- Raspberry Pi

## INTERESTS

- Software Development
- Data Structures
- Programming in Java

## INTERNSHIP AND PROFESSIONAL TRAINING

### KODNEST | INTERNSHIP ON JAVA FULL STACK DEVELOPMENT WITH MANUAL TESTING

Oct. 2022 – present | Bangalore, IN

- Proficiency in Java programming language, including data structures and algorithms.
- Knowledge of OOP principles such as **inheritance, encapsulation, abstraction, and polymorphism**.
- Knowledge of front-end development technologies and ability to create web pages using **HTML**, style them using **CSS**.
- **SQL:** Ability to work with relational databases and write SQL queries to interact with databases.
- **Manual Testing:** Test Case Design and Execution: Ability to design and execute test cases to ensure that software meets the specified requirements.
- Tech Stack: **Java, HTML5, CSS3, Oracle DB**
- Tools/Application used: **Eclipse IDE, VS Code, Jira Software**

## NOTABLE PROJECTS

### E HEALTH CARE MANAGEMENT

- Technology used: **Java (servlets JSP), JavaScript, DHTML and Oracle DB.**  
Project link: <https://github.com/Faisal22/E-Health-Care-Management>

### IMPLEMENTATIONS OF DATA STRUCTURES AND ALGORITHMS USING WINDOWBUILDER

- Used Windows Builder to create a graphical user interface for visualizing various data structures and algorithms.
- Implemented data structures such as **array, stack, queue, circular queue, singly linked list** and **doubly linked list** using java.
- Implemented algorithms such as **linear search, binary search and bubble sort**.

## ACADEMIC PROJECT

### SMART MIRROR USING RASPBERRY PI

- Designed and developed a smart mirror using a magic mirror modular.
- Implemented features such as weather, calendar, news.
- Worked in a team environment to deliver the project on time and within budget.

## HONORS/AWARDS

2022 Awarded as a best paper presenter for NCDDES-2022 organized by Sri Siddhartha Institute of Technology.

## CERTIFICATION

2023 Java Full Stack Development with Manual Testing.