AFAAQAHAMED JAMADAR

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🔗 linkedin.com/in/afaaqahamed-jamadar   github.com/Afaaqahamedx   🌐 portfolio

Education

KLE Technological University   **Jan 2022 – Jun 2024**
BE Electronics and Communication Engineering; 8.53 CGPA   *Vidyanagar, Hubballi, Karnataka - 580031*

KLE C.I. Munavalli Polytechnic   **Jun 2018 – Aug 2021**
Diploma in Electronics and Communication Engineering; 80 Percentage   *Vidyanagar, Hubballi, Karnataka - 580031*

Acheivements: *Secured 93rd rank in Diploma CET 2021 Examinations.*

Skills Summary

Languages: C, C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Keil uVision 4 and 5, Oracle VM
Technologies/Frameworks: ReactJS, NodeJS, Tailwind CSS, MaterialUI, Linux(Ubuntu Dist.), Docker, GitHub
Relevant Coursework: Data Structures, OOPS, Operating Systems, Computer Networks, Database Management System
Soft Skills: Leadership, Presentation Skills, Writing, Problem Solving, Time Management

Projects

HealthVault: Healthcare Data Management System ↗ | *Javascript, Private Blockchain, Docker*   **Jun 2023**
- Deployed a private blockchain successfully utilizing **Hyperledger Fabric**, with a specific focus on Healthcare data management.
- Leveraged **NodeJS** on the backend and **CouchDB** as the database.
- Using **ReactJS**, we created a user-friendly interface, including unique **chaincode** written in **JavaScript**, to provide data immutability, transparency, and security within the decentralized private blockchain network.

AutoBloc: Automotive Supply Chain DApp ↗ | *Solidity, Web3, Ethereum, Metamask, Ganache*   **Nov 2023**
- Deployed a **Web3.0 DApp** for automotive supply chain management using **Ethereum's Ganache test network**.
- Leveraged **Web3JS** for Ethereum blockchain interaction, **Solidity** for smart contract development, and **Truffle** for project management.
- Created the user-friendly frontend using **ReactJS** framework.
- Empowered users to track and verify automotive component authenticity, offering a decentralized solution for the industry.

Dynamic LED Brightness Control with ARM-LPC2148 ↗ | *Embedded-C, Keil uVision5, armv7*   **Aug 2022**
- Designed and utilized **ARM7-LPC2148** microcontroller. Integrated **LDR** and **IR** sensors for advanced functionality.
- Demonstrated real-time LED brightness control via dynamic **PWM cycle**.
- Enhanced user experience with an **LCD display** providing instant feedback.

Smartphone Controlled 6-Axis Robot Arm ↗ | *ArduinoUNO, MG90/SG90 Servo, HC-05 Module*   **Sept 2021**
- Developed a smartphone-controlled robotic arm using **ArduinoUNO**. Integrated **Bluetooth module** for precise control over six-axes.
- Demonstrated technical skills and practical applications across diverse fields.

Certifications

Docker Essentials: A Developer Introduction (CO0101EN, provided by IBM) ↗   **Jan 2024**
DevOps   *IBM-CO0101EN*
Hyperledger Fabric 2.x Multihost Deployment ↗   **Jun 2023**
Hyperledger Fabric   *Udemy*

Languages

- English (Full Professional Proficiency)
- Hindi (Full Professional Proficiency)
- Kannada (Professional Working Proficiency)
- Urdu (Native or Bilingual Proficiency)

Volunteer Experience

Coordinator at KLE Society's SOECE Association   **Jun 2022**
Conducted online and offline technical & soft-skills events impacting over 300 students.   *Vidyanagar,Hubballi*