Rohith Matam

Software Engineer

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SUMMARY

As a software engineering professional, I have 2.8 years of experience in designing, implementing, and installing software solutions, as well as developing high-quality software designs and architecture. I am skilled in creating various tools and applications through efficient code production and am able to interact with clients effectively. I have successfully executed multiple big-ticket projects within stipulated timelines while ensuring 100% client satisfaction.

KEY SKILLS

• **Software Development & Testing** • **Unit Testing** • **Software Architecture** • **Cross-Vertical Team Leadership** • **Teamwork** • **Software Development Life Cycle** • **Problem Solving & logical Thinking** • **Data Organization & Management** • **Coding & Troubleshooting** • **Architecture Design**

TECHNICAL SKILLS

Programming Languages: Node.js, JavaScript, Web3 , chaincode   **Database Management:** My SQL, MongoDB   **Tools:** Hyperledger fabric, infura   **API:** Restful API   **Embedded Boards:** XMC(Infineon), Arduino, Node MCU, Raspberry pi

EDUCATION

Advanced Certificate Programme in Blockchain Technology	Sep '21 - Apr '22
IIIT Bangalore (upGrad)	Manipal, IN
M.E. in Internet of Things (IoT)	Jul '18 - May '20
Manipal School Of Information Sciences, MAHE	Manipal, IN

PROFESSIONAL EXPERIENCE

Software Engineer   Jul '21 - Present

Mobiloitte Technologies   Pune, IN

- Developed a centralized **crypto arbitrage** backend application using **Node.js** and **Express.js**, which involved implementing various **trading strategies** and APIs for **multiple exchanges**, resulting in a significant **increase in arbitrage opportunities**
- Expanded the platform by creating **customized strategies** for a trading bot, including martingale and grid strategies, resulting in an improved user experience and implemented a **multi-level marketing** strategy for the platform
- Integrated third-party APIs for **utility payments**, such as mobile recharges and bill payments, which enabled users to conveniently pay their bills and recharge their accounts using **fiat currencies**
  - Collaborated with a team of 3 developers to implement the **payment gateway** system and resolved any technical issues in a timely manner
  - Bolded the essential facts and figures to draw attention to the successful integration of **third-party APIs**
- Led the development of a **digital vault management** system on a private **Hyperledger Fabric** blockchain network, using Node.js, Docker, AWS, and Hyperledger Fabric
  - Facilitated secure storage and sharing of **confidential data** among authorized users
  - Implemented a block explorer to enable users to view all transactions on the blockchain, resulting in **improved transparency and accountability**

Software Engineer Intern   Jul '19 - May '20

Infineon Technologies   Bengaluru, IN

- Created a GUI for **Blockchain applications** using Python and evaluated them by connecting to the Ethereum network.
- Interfaced sensors and actuators with Raspberry Pi and Python to **test and validate** their functionality.
- Developed application layers for **SPI, I2C, and UART** communication protocols between sensors and controllers.
- Converted sensor libraries from **C** to **Python** for Raspberry Pi

CERTIFICATIONS

- **CCNA Routing and Switching: Routing and Switching Essentials** | Cisco| Nov '17
- **Programming for Everybody (Getting Started with Python)** | Coursera| Sep '18