MOHAN KUMAR MALLESHAPPA

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EDUCATION

New Jersey Institute of Technology   *Newark, NJ*
Master of Science in Computer Science (4 GPA)   *Sept 2023 - Present*
Sir M Visvesvaraya Institute of Technology (VTU)   *Bengaluru, India*
Bachelor of Engineering in Computer Science (3.72 GPA)   *Aug 2018 - July 2022*

TECHNICAL SKILLS

Languages:	Java, C++, C, Python, Javascript, Typescript
Web Technologies:	React, ReactNative, Express.js, Node.js
Blockchain Technologies:	Solidity, Web3.js, ethers.js, Hardhat, Remix IDE
Application software:	Xcode, IntelliJ, Visual Studio Code, Eclipse, Git, Android Studio, Raspberry Pi
Database Management:	MongoDB, MySQL, PostgreSQL, Firebase
Cloud computing Technologies:	AWS, GCP, Azure

EXPERIENCE

Cognitive Clouds | Full-Stack Software Engineer   *Aug 2022 - June 2023*
Technologies: React Native, React, Express.js, Node.js, MongoDB, Jest.js
- Designed, developed, and deployed applications for both Android and iOS platforms using ReactNative and Node.js.
- Developed a mobile application for beauty and salon services. Implemented crucial functionalities like dashboard, scheduling, in-app notifications catering to both user and vendor perspectives. Ensured operational excellence and performed thorough integration and unit testing using Jest.js. Enabled Push notification system using Firebase Cloud Messaging.
- Implemented real-time messaging functionality into the application by leveraging the capabilities of the Quikblox chat API.
- Integrated Hyperpay gateway into the application to implement seamless and safe card transactions by the user.

Freight Deck Technologies | Software Development Engineer Intern   *Jan 2022 - Mar 2022*
Technologies: MongoDB, Express.js, Node.js, React
- Contributed to the team at Freight Deck, a Collaborative TMS Logistics platform application. Employed MERN Stack technologies to develop and seamlessly integrate vital features into the platform.
- Led the creation of an Electronic Proof of Delivery system, enabling effective verification of received B2B shipments.

Bytematic IT Solutions | Software Development Engineer Intern   *Jan 2021 - Jun 2021*
Technologies: React, JavaScript, SQL, PHP, Node.js
- Played a pivotal role in the 'Inventory Management System' project, an initiative that streamlined the tracking of procurement, production, and sales of goods. Within the project scope, actively developed features encompassing checklist integration, purchase management, supplier management, and comprehensive inventory reporting.

PROJECTS

Healthy Eating Plate   *Aug 2021 - Aug 2022*
Technologies: MongoDB, Express.js, React.js, Node.js
- Engaged in the project by constructing personalized meal plans tailored to individuals' health requirements and preferences. Orchestrated the development of filtered recipes and meticulous planning to promote users' health-conscious choices.
- Facilitated the exchange of personal ideas and routines among users, allowing them to follow and engage through comments.

FTM Mint   *Apr 2022 - Jun 2022*
Technologies: Solidity, ethers.js, React, Hardhat, Remix IDE
- Developed and deployed a fully functional smart contract for staking cryptocurrency called Fantom in the Fantom blockchain. FTM Mint is a decentralized finance (DeFi) project. It is a High Yield Investment program developed for Fantom Blockchain.
- A User can deposit a certain amount of fantom crypto using wallets like MetaMask and Trust Wallet and expect ROI depending on the investment time period. Deployed the same staking project in different chains like Avalanche (AVAX) and Polygon (MATIC)

Payroll Management System   *Sept 2020 - Feb 2021*
Technologies: React, SQL server, PHP
- Engineered a functional payroll system empowering administrators to efficiently oversee payroll calculations for employees.
- The system enables the easy updating of essential components such as bonuses, overtime, and deductions adjustments.