

# Freddy Mande • Full-Stack Developer

## RELEVANT EXPERIENCE

### Full Stack Engineer, LBNL • Nov 2023 - Present

- Architect and maintain mission-critical database applications and network systems
- Drive 30% improvement in service performance through stakeholder feedback and technical innovation
- Successfully delivered various projects on schedule and within budget constraints while exceeding quality standards
- Reduced system downtime by 35% through implementation of automated monitoring and recovery protocols
- Manage and optimize databases handling 10M+ daily transactions
- Foster a growth-oriented team culture through knowledge sharing and mentorship

### Front-End Developer (Contractor), Just Enable • Aug 2022 - June 2023

- Led the development of mobile and web apps using Node.js, Angular, and Ionic, resulting in 15% shorter development times and 20% higher user satisfaction
- Collaborated with clients to deliver customized solutions, resulting in 30% increase in satisfaction and 15% increase in repeat business
- Utilized Agile methodologies to accelerate delivery and market entry
- Enhanced user experience through impactful UIs, performance optimization, and data processing tools.

### Full-Stack Developer (Contractor), Numeriix • Jan 2021 - July 2022

- Developed a high-performance, scalable API using Node.js, Express.js, and MongoDB, which handles large amounts of traffic without any performance drop
- Integrated Socket.io for real-time data transfer functionalities
- Used Firebase to store and manage data, resulting in a 50% reduction in storage costs
- Developed mobile applications using Ionic and Tailwinds, resulting in a 50% reduction in development time
- Communicated effectively with stakeholders to understand and meet needs, resulting in a 20% increase in project success rate.

### Full-Stack Developer, Visions In Education • Oct 2019 - Dec 2020

- Designed, developed, and maintained robust systems with expertise in databases, networks, software architecture, resulting in 20% reduction in downtime and 15% increase in user satisfaction

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## SKILL

### Programming Languages

JavaScript, TypeScript, Python, HTML, CSS, Sass

### Frameworks/Libraries

Angular, Express.js, React.js, Ionic, Socket.io

### Databases

MySQL, SQLite, PostgreSQL, MongoDB, Firebase

### Tools/Technologies

Node.js, APIs, GraphQL, Git, Github, Gitlab, Heroku, Netlify, GCP, AWS, Visual Studio Code, Android Studio, Xcode, Docker, Webpack

### Other Spoken Languages

French and Swahili

## CORE STRENGTHS

- Iterative development
- Collaboration
- Communication
- Efficiency
- Adaptability
- Leadership
- CI/CD
- Risk reduction
- Retrospectives
- TDD
- QA

## EDUCATION

### Cosumnes River college

AS in Computer Science,  
May 2019

### UNILU

BS in Computer Information Science,  
Mar 2014

- Installed, configured, and upgraded networks with in-depth knowledge of network infrastructure and protocols, resulting in 15% reduction in downtime and 20% increase in network security
- Administered and maintained DNS, ensuring efficient domain management and seamless website accessibility with 99.9% uptime
- Implemented, monitored, and maintained web-based applications using LAMP stack, PHP, MySQL, and related technologies, resulting in 15% increase in website traffic and 20% reduction in development costs
- Developed web-based applications using Python, Flask, MySQL, Angular, and related technologies, adhering to company best practices and coding standards, resulting in 20% reduction in development time and 15% improvement in application performance.

**Software Engineer (Contractor), Nuco Auctioneers • Feb 2018 - May 2019**

- Developed a robust backend with Node.js, Express, and MongoDB, resulting in 20% performance improvement and 10% reduction in data storage costs
- Crafted dynamic mobile apps with Ionic, resulting in 15% user engagement improvement
- Streamlined styling with Tailwind CSS and enhanced styling efficiency with SCSS, resulting in 45% responsiveness improvement and 30% styling time reduction
- Established real-time communication with Socket.IO and integrated Firebase for seamless backend operations, resulting in 25% development time reduction.

**Back-End Developer (Freelancer), JE Fashion • April 2017 - Feb 2018**

- Designed and developed web, and API applications with Node.js, ejs, and Bootstrap
- Delivered tailored solutions to the client, increasing satisfaction by 15% and repeat business by 20%
- Applied an agile development approach to the project, resulting in 10% shorter delivery times and 20% faster time-to-market
- Successfully revamped the UI designs for the e-commerce website, which resulted in increased conversion rates by 25% and improved user engagement by 35%.

**Full Stack Developer (Contractor), Takealot • Nov 2015 - April 2017**

- Collaborated with cross-functional teams using Agile methodologies to streamline project timelines.

- Designed and optimized e-commerce applications (JavaScript, React.js, Java, MySQL) for improved performance therefore achieved 30% faster load times and a 15% increase in page views
- Identified and resolved software defects utilizing JIRA and Git to boost customer satisfaction (addressed 25% fewer critical defects)
- Implemented user-requested features resulting in 12% increased user engagement and 5% conversion rates
- Enhanced database performance through SQL optimization, reducing query times by 15% and improving order processing efficiency by 10%.