

# Mithun Kodoth

## TECHNICAL LEAD | FULL STACK ENGINEER

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## Work Experience:

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### Technology Lead Full Stack Backend @ Techcarrot FZ LLC, June 2022 - Present | Dubai, UAE

- Architected and implemented scalable product solutions for diverse client needs in industries such as Manufacturing, Automobile, Real Estate, and Insurance.
- Developed robust API and microservice architectures using NodeJS.
- Managed client interactions and translated business needs into technical plans.
- Integrated advanced queuing mechanisms using Kafka to streamline data processing and system communication, significantly improving performance metrics.
- Directed the design and development of user-friendly interfaces using ReactJS and TypeScript, focusing on custom components and hooks for better user engagement.
- Oversaw the adoption of DevOps practices and cloud server management in Azure, maintaining high availability and robust system operations.
- Coordinated and led on-shore and off-shore development teams, fostering effective collaboration and ensuring consistent project execution across different geographies.
- Conducted comprehensive code reviews, ensuring adherence to best practices and high standards of quality within the development team.
- Actively engaged in project sprint planning and estimations, effectively managing project delivery timelines, Team Management and resource allocations.

### Senior Software Engineer III @ NReach Online Services Pvt Ltd, Oct 2021 - June 2022 | Bangalore, India

- Engineered and implemented low-latency, high-performance microservices using NodeJS and GraphQL, significantly improving the efficiency of business-critical online applications.
- Led the architectural design and optimization of databases, enhancing data interactions and query performance across PostgreSQL and MySQL.
- Actively participated in product architecture discussions, contributing to the development and validation of proof of concept projects that addressed key market needs, particularly focusing on scalable microservice architectures.
- Conducted comprehensive code reviews, ensuring adherence to best practices and high standards of quality within the development team.
- Spearheaded efforts to integrate advanced queuing systems using Kafka, which enhanced data processing capabilities and system scalability, aligning with microservice deployment strategies.

### Senior Software Engineer III - ( Full Stack ) @ Bussr Pte Ltd, May 2021 - Oct 2021 | Singapore

- Developed and enhanced REST interfaces using NodeJS and ExpressJS, significantly improving the performance and user experience of the company's reservation and payment systems.
- Integrated the "Dana" payment service, facilitating seamless transaction processing and broadening payment capabilities.
- Designed and implemented scalable microservice architectures, improving system resilience and maintainability.
- Optimized database interactions for enhanced system efficiency and faster response times using SQL, MongoDB, and Redis.
- Implemented advanced queuing systems with Kafka, optimizing data flow and real-time data processing across services.
- Conducted comprehensive code reviews and led project sprint planning and estimations, ensuring adherence to best practices and efficient project delivery timelines.

### Lead Software Engineer @ Asokaa developers Pvt. Ltd, July 2019 - April 2021 | Hyderabad, India

- Project Sprint planning and Stakeholder management.
- Parallel project delivery across multiple teams
- Experience working on project in Muscat, US

- Project Management - Risk Management, Project Planning, Roadmap, Technical Architecture
- Design, Implement and Maintain of high performance microservices for the business-critical online using NodeJS, MongoDB, PostgreSQL, VSC, CI, Heroku, AWS S3
- Design high performance and scalable queries in PostgreSQL, MongoDB
- Handling ReactJS interactive responsive UI for SPA
- Design and Deploy React-Native application for iOS and Android and deploy in Play Store and AppStore.
- Plan and Manage team size of 5 which includes code review to ensure finest product delivered on-time
- Good knowledge on cloud technologies like AWS, Docker, Jenkins, Heroku, GoDaddy
- Contributed to unit and end-to-end testing ensuring quality in app and reducing production issues.
- Interacting with PO directly for project requirements with periodic updates on progress and project time estimating to completeness.

#### Junior Software Engineer @ Sysin Technologies, December 2017 - June 2019 | Kerala, India

- Designed and implemented Windows applications using WPF, WCF, and .NET.
- Built applications for billing and appointment booking.
- Configured MS SQL Server and hosted applications in IIS.

#### Technical Skill:

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**Programming Languages:** Javascript, TypeScript, C#, SQL, Python, Java

**Skilled Technologies:** NodeJS, ExpressJS, KoaJS, GraphQL, HTML/CSS, Bootstrap, Material UI, ReactJS

**Database Systems:** MS SQL, PostgreSQL, MongoDB, MySQL

**DevOps & Cloud Technologies:** Azure, AWS, Docker, Jenkins, CI/CD, Heroku, cPanel, Kubernetes

**Project Management Tools:** Jira, GitHub, Git (Version Control), Azure DevOps, CodeCommit, Git/GitLab

**Data Processing & Integration:** Kafka, SSIS, ETL, Redis,

**Software Architectural Styles:** Microservices Architecture, RESTful API, Event-Driven Architecture

**Security Practices:** Knowledge of secure coding practices, familiarity with cybersecurity frameworks, experience with security audits

**Communication Skills:** Effective cross-level organizational communication, technical and non-technical presentation skills, negotiation

**Emerging Technologies:** AI and machine learning concepts, Internet of Things (IoT), Cloud-computing, Low-code/No-code platforms

**Accessibility:** Familiarity with web accessibility standards (WCAG), implementation of accessible web applications

**Other Competencies:** Agile Methodologies, SCRUM, UI/UX Design, Kibo, React-Native

**Domain:** Automobile, Manufacturing, Real-Estate, Finance, Insurance, HRM, LIMS, Ticket Booking, Chat Bot, CRM, Payments

#### Certification:

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- **AWS Certified Developer Associate** (Issued: March 2021)
- **Project Management Professional** (Issued: February 2022)

#### Education:

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- **Bachelor of Technology** - Kannur University - Computer Science and Engineering, 2017