

Mohammed Thaha Dawood

Mern Stack Developer

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ABOUT ME

An experienced Junior **MERN** Stack Developer with a strong background in **cloud technologies, backend development, security practices, and analytics**. Proven track record of leading **multi-tenant SaaS** projects and delivering high-quality software with an emphasis on **performance, scalability, and security**. Expertise in **accounting** principles, as well as implementing complex backend architectures with **microservices**.

TECHNICAL SKILLS

Frontend & Backend Development

- Languages & Frameworks:** JavaScript, Node.js, TypeScript, React.js, Express.js
- State Management & UI:** Redux, Context API, Material-UI, Bootstrap
- API & Database:** RESTful APIs, MongoDB, PostgreSQL, MySQL, Redis
- Version Control:** Git, GitHub
- Dev Tools:** VS Code, Postman, Jira

Cloud, DevOps & Infrastructure

- Certifications:** Active AWS ET Community Member with 6 AWS badges.
- Cloud Platforms:** AWS (EC2, ECS, Lambda, S3), Docker, Kubernetes
- CI/CD & Automation:** Jenkins, GitLab CI
- Infrastructure:** AWS CloudFormation, Prometheus, Grafana

Accounting Skills

- Financial Reporting:** Journal entries, balance sheets, P&L.
- Accounting Logic:** Developed systems for financial reporting
- ERP:** Experience with Accounts and Sales modules.
- Taxation:** Knowledge of tax calculations and reporting.

Soft Skills

- Leadership:** Team management, mentoring, project guidance.
- Communication:** Clear, effective with teams and stakeholders.
- Problem-Solving:** Identifying issues, innovative solutions.
- Collaboration:** Cross-functional teamwork, Agile environments.

Microservices & Security

- Architecture:** Microservices, Event-Driven, CQRS, AWS API Gateway, Nginx
- Security:** JWT, OAuth 2.0, AES, RSA, RBAC, DDoS Protection, IP Blacklisting, Rate Limiting

PROFESSIONAL EXPERIENCE

CygnosNex Innovation Pvt Ltd
Jr. Full Stack Developer

March 2024 - Present

PROJECTS

Billbizz | Team Lead

- Leading the development of BillBizz, a multi-tenant ERP SaaS with Accounts, Inventory, Sales, and CRM modules.
- Developed and implemented accounting logic, including journal entries and financial reporting.
- Managing a team, mentoring juniors, and ensuring high-quality deliverables.
- Contributed 70% of backend code and 90% of core logic, optimizing scalability and maintainability.
- Designing and refining microservices architecture with Node.js, Docker, AWS ECS, and Nginx as the web server.
- Enhancing performance by migrating core features from JavaScript to TypeScript.
- Integrated CI/CD pipelines, SonarQube, and authentication using AWS Cognito for improved security and efficiency.
- Deployed services on Amazon EC2 and ECS, with plans for a CDN for multi-region delivery.
- Secured sensitive configurations by storing environment variables in AWS Systems Manager (SSM).
- Implementing robust security, including rate limiting, token management, and encryption protocols.
- Improved productivity by 45% with microservice optimizations, reducing AWS ELB events and boosting efficiency.

Gallery Vision | Team Lead

- Automates YouTube revenue management by processing CSV files to create channels, music partners, and invoices.
- Tracks payments and generates customizable PDFs with multi-currency support.
- Sends real-time email notifications to streamline communication.
- Utilizes scalable architecture for handling high-volume data processing.
- Integrates with third-party payment gateways for seamless transaction management.

EDUCATION

Valia Koonambaikulathamma College of Engineering & Technology, Trivandrum
B.Tech in Computer Science, CGPA : 7

2019-2023