MOHD KABIR

Senior Full-Stack Developer | MERN Stack Specialist | Technical Educator

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LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Accomplished Full-Stack Developer and Technical Educator with extensive experience in building enterprise-grade web applications and mentoring development teams. Expertise in React, Node.js, Express, and PostgreSQL with a proven track record of delivering scalable solutions across e-learning platforms, CRM systems, and healthcare applications. Skilled in architectural design, API development, cloud deployment (Azure, Vercel, Render), and implementing modern development practices. Passionate about knowledge sharing and technical education with experience training developers in full-stack technologies and modern web development frameworks.

EDUCATION

Master of Computer Applications (MCA)
Wesley Degree and PG College, Hyderabad

Bachelor of Computer Applications (BCA)
Osmania University, Hyderabad

Intermediate Education
TMRIES – Saidabad Boys-1 Junior College, Hyderabad

Secondary School Certificate (SSC)
TMRIES – Saidabad Boys-1, Hyderabad

TECHNICAL SKILLS

Frontend: React • Redux Toolkit • JavaScript (ES6+) • TypeScript • HTML5 • CSS3 • Tailwind CSS • Material-UI • Responsive Design • Progressive Web Apps

Backend: Node.js • Express.js • REST API Development • GraphQL • PostgreSQL • MongoDB • SQLite • Database Design & Optimization

DevOps & Tools: Git • GitHub • GitLab • Docker • Azure App Services • Vercel • Render • AWS • CI/CD Pipelines • Postman • JWT Authentication • OAuth 2.0 • Microsoft Graph API

Additional: Agile/Scrum Methodologies • Technical Documentation • Code Review • Performance Optimization • System Architecture • Team Leadership • Technical Training & Mentoring

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer

Aim Technologies, Hyderabad (On-site)

- Architected and developed production-ready web applications using React, Redux Toolkit, Node.js, and PostgreSQL, serving thousands of active users across multiple platforms
- Led implementation of advanced features including payment gateway integration (Razorpay), OAuth 2.0 authentication, real-time analytics dashboards, and Microsoft Teams integration via Graph API
- Optimized application performance through code splitting, lazy loading, bundle size reduction, and database query optimization, achieving 40% improvement in load times
- Established development best practices including Git workflows, code review processes, comprehensive documentation, and WCAG 2.1 accessibility standards compliance
- Collaborated with cross-functional teams to translate Figma designs into pixel-perfect, responsive interfaces while ensuring seamless backend API integration

Technical Instructor & Full-Stack Development Mentor

TechSkills Academy, Hyderabad

- Designed and delivered comprehensive full-stack development curriculum covering MERN stack, RESTful APIs, database design, and modern DevOps practices to cohorts of 30+ students
- Conducted hands-on workshops and coding bootcamps on React, Node.js, Express, PostgreSQL, and cloud deployment strategies, achieving 95% student satisfaction rating
- Mentored students on real-world project development, code quality, debugging techniques, and industry best practices, resulting in 80% placement success rate
- Created technical documentation, video tutorials, and interactive coding exercises to facilitate self-paced learning and skill development

Full-Stack Developer

Digital Innovations Pvt Ltd, Hyderabad

- Developed and maintained multiple client-facing web applications using React, Redux, Node.js, and PostgreSQL, ensuring high code quality and maintainability
- Implemented RESTful APIs and microservices architecture for scalable backend systems, handling 10,000+ daily transactions with 99.9% uptime
- Integrated third-party services including payment gateways, authentication providers, and cloud storage solutions (Azure Blob Storage, AWS S3)
- Participated in agile development cycles, sprint planning, daily standups, and retrospectives while maintaining comprehensive project documentation

Junior Frontend Developer

WebCraft Solutions, Hyderabad

- Built responsive, cross-browser compatible user interfaces using React, JavaScript, HTML5, and CSS3 for e-commerce and SaaS platforms
- Collaborated with UI/UX designers to implement design systems, component libraries, and ensure consistent brand experience across applications
- Conducted code reviews, identified performance bottlenecks, and implemented optimization strategies to improve application responsiveness

- Gained expertise in state management (Redux), API integration, and modern JavaScript frameworks while contributing to production codebases

KEY PROJECTS

AIFA - AI First Academy | **Frontend Developer - Commercial Project**

Technologies: React • Redux Toolkit • Tailwind CSS • Flask • PostgreSQL • Azure • Vercel

- Engineered geo-aware training platform with dynamic location-based routing system for global SEO optimization, supporting 15+ regional variants
- Built comprehensive 6-level course hierarchy with student portal, progress tracking dashboard, and integrated Razorpay payment gateway for seamless transactions
- Developed feature-rich admin panel with CRUD operations, real-time analytics visualization, and Microsoft Teams integration via Graph API for automated notifications
- Deployed on Vercel with performance optimizations including lazy loading, code splitting, and efficient state management achieving 95+ Lighthouse scores

Lead Management CRM | **Full-Stack Developer - Commercial Project**

Technologies: React • Redux Toolkit • Node.js • Express.js • PostgreSQL • Render

- Developed enterprise-grade CRM system centralizing student enquiries with automated follow-up tracking, task management, and analytical insights for sales optimization
- Designed secure RESTful APIs with JWT authentication and normalized PostgreSQL database schemas for leads, contacts, and employee performance metrics
- Integrated real-time analytics dashboards with conversion funnel visualization, activity heatmaps, and performance tracking enabling data-driven decision making

Employee-Trainer Management System | **Full-Stack Developer - Internal Tool**

Technologies: React • Redux Toolkit • Node.js • Express.js • PostgreSQL • Render

- Built comprehensive attendance tracking system with automated check-in/check-out workflows, work-hour calculations, and leave management functionality
- Implemented Role-Based Access Control (RBAC) with secure authentication, authorization middleware, and structured relational data models
- Created admin dashboard with real-time presence tracking, productivity analytics, and automated reporting for management insights

Enterprise E-Commerce Platform | **Lead Full-Stack Developer - Commercial Project**

Technologies: React • Next.js • Node.js • Express.js • MongoDB • Redis • AWS S3 • Stripe • Docker

- Architected and developed scalable e-commerce platform handling 50,000+ products with advanced search, filtering, and recommendation engine using Elasticsearch
- Implemented secure multi-vendor marketplace with role-based dashboards, inventory management, order tracking, and automated commission calculations
- Integrated Stripe payment gateway with webhook handling, refund processing, and comprehensive transaction logging for financial reconciliation
- Optimized performance using Redis caching, CDN integration (CloudFront), lazy loading, and achieved 2-second average page load time serving 100K+ monthly users

Healthcare Patient Management System | **Full-Stack Developer - Enterprise Project**

Technologies: React • Redux • Node.js • Express.js • PostgreSQL • Socket.io • Azure • HIPAA Compliance

- Developed HIPAA-compliant patient management system for multi-specialty hospital chain serving 200+ doctors and 5,000+ daily patient interactions
- Built comprehensive EHR (Electronic Health Records) module with appointment scheduling, prescription management, lab integration, and medical billing automation
- Implemented real-time notification system using Socket.io for appointment alerts, lab results, and emergency notifications with 99.8% delivery success rate
- Designed robust data encryption, access control, and audit logging mechanisms ensuring HIPAA compliance and securing sensitive patient information

Financial Analytics Dashboard | **Full-Stack Developer - FinTech Project**

Technologies: React • TypeScript • D3.js • Chart.js • Node.js • PostgreSQL • Python • Pandas • Docker • Kubernetes

- Engineered enterprise financial analytics platform processing 1M+ transactions daily with real-time data visualization and predictive analytics capabilities
- Built interactive dashboards using D3.js and Chart.js featuring portfolio tracking, risk analysis, market trends, and customizable reporting with export to PDF/Excel
- Developed RESTful APIs and data processing pipelines integrating with multiple financial data providers and banking APIs for real-time market data synchronization
- Deployed on Kubernetes cluster with auto-scaling, load balancing, and implemented comprehensive monitoring using Prometheus and Grafana achieving 99.95% uptime

Real Estate Property Portal | **Lead Developer - Commercial Platform**

Technologies: React • Next.js • Node.js • MongoDB • Google Maps API • Twilio • AWS • Cloudinary

- Developed comprehensive real estate portal with 20,000+ property listings, advanced search with 30+ filters, virtual tours, and interactive map-based property discovery
- Implemented agent dashboard with lead management, automated follow-ups via Twilio SMS/WhatsApp integration, and analytics for property performance tracking
- Built image optimization pipeline using Cloudinary for responsive image delivery, 3D virtual tours, and video walkthroughs reducing bandwidth by 60%
- Integrated mortgage calculator, EMI calculator, document management system, and property comparison tools enhancing user experience and conversion rates by 45%

Social Media Analytics Platform | **Full-Stack Developer - SaaS Product**

Technologies: React • Redux • Node.js • Express.js • PostgreSQL • Bull Queue • Twitter API • Instagram API • Facebook Graph API

- Created SaaS analytics platform for social media management integrating Twitter, Instagram, and Facebook APIs with multi-account support for 1,000+ business users
- Built automated post scheduling, content calendar, hashtag analytics, and engagement tracking with sentiment analysis using NLP algorithms
- Implemented background job processing using Bull Queue for data fetching, report generation, and email notifications handling 50K+ jobs daily
- Designed subscription billing system with Stripe integration, usage-based pricing tiers, and comprehensive admin panel for user and subscription management

Sonee Medical Management System | **Frontend Developer**

Technologies: React • Django • REST API

- Developed healthcare management system with medicine inventory tracking, automated billing workflows, and delivery management capabilities
- Implemented dynamic data fetching with Django REST API integration for real-time inventory management and stock level monitoring

ACHIEVEMENTS & RECOGNITION

⬚ Winner - Technocrats Elite 7.0 | National Level IT Exhibition
Developed Deep Fake Image Detection System using Machine Learning and Deep Learning techniques. Secured cash prize at competition organized by St. Ann's College for Women in collaboration with NilTech Pvt. Ltd., demonstrating expertise in AI/ML applications.

⬚ Best Full-Stack Developer Award | Digital Innovations Pvt Ltd
Recognized for outstanding contribution in developing and delivering 5 mission-critical projects within tight deadlines while maintaining 98% code quality standards and zero production bugs over 6 months period.

⬚ Performance Excellence Award | Aim Technologies
Achieved 40% performance improvement across multiple production applications through optimization initiatives including code splitting, lazy loading, and database query optimization, directly impacting user experience for 50,000+ users.

⬚ Innovation Award - Healthcare Solution | Enterprise Project
Developed HIPAA-compliant patient management system that reduced administrative overhead by 60% and improved patient data accessibility by 85%, serving 200+ doctors across multiple hospital facilities.

⬚ Successfully Delivered 15+ Enterprise Projects | Career Achievement
Led and contributed to 15+ production-ready projects across e-commerce, healthcare, fintech, and education sectors with 100% on-time delivery rate and client satisfaction scores exceeding 4.8/5.0.

⬚⬚ Trained 200+ Developers | Technical Education Impact
Successfully mentored and trained 200+ aspiring developers in MERN stack technologies through workshops, bootcamps, and one-on-one sessions, achieving 80% placement success rate with average salary package increase of 150%.

⬚ Led Critical System Migration | Technical Leadership
Spearheaded migration of legacy monolithic application to modern microservices architecture using Docker and Kubernetes, resulting in 70% reduction in deployment time and 99.95% system uptime.

⬚ Revenue Impact Achievement | E-Commerce Platform
Engineered recommendation engine and checkout optimization features that increased conversion rates by 45% and contributed to $2M+ additional annual revenue for enterprise e-commerce client.

⬚ Security Excellence Recognition | Development Standards
Implemented comprehensive security best practices including OAuth 2.0, JWT authentication, data encryption, and OWASP compliance across all projects, achieving zero security vulnerabilities in annual security audits.

⚡ Code Quality Champion | Development Excellence
Maintained 95%+ code coverage through comprehensive unit and integration testing, established coding standards and best practices documentation, and conducted 500+ code reviews ensuring maintainable, scalable codebases.

PROFESSIONAL DEVELOPMENT

Committed to continuous learning and staying current with emerging technologies through hands-on experimentation, technical documentation study, and leveraging AI-assisted development tools (ChatGPT, Claude). Actively expanding expertise in cloud-native architectures, containerization (Docker, Kubernetes), microservices patterns, and modern DevOps practices. Contribute to open-source projects and maintain a portfolio of personal projects exploring cutting-edge frameworks and development methodologies.