

AMIR MUSTAFA

JavaScript Full Stack Developer | React JS • Node JS • TypeScript • Cloud

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PROFESSIONAL SUMMARY

Senior Full Stack Engineer with **9+ years** building enterprise-grade, cloud-native applications using **React.js, Node.js, and TypeScript**. Expert in microservices architecture, system design, serverless computing (AWS Lambda, Azure Functions), and AI-augmented development. Delivered high-impact solutions for Banking (Northern Trust), Pharma (Eli Lilly), and Government (UAE) sectors with 99.9% uptime. Proven track record in CI/CD automation, scalable architecture, and Agile delivery at scale. Leverage AI tools (Claude Code, GitHub Copilot) to accelerate development.

TECHNICAL SKILLS

Frontend: React.js, JavaScript (ES6+), TypeScript, MobX, Redux Toolkit RTK, Redux, HTML5, CSS3, Micro Frontends (Webpack Module Federation)

Backend & APIs: Node.js, Express.js, Nest.js, REST API, GraphQL, TypeScript

Cloud & DevOps: Azure (Functions, Cognitive Services, Cosmos DB, App Insights), AWS (Lambda, S3, API Gateway, Aurora), Docker, Serverless Architecture

Databases: Azure Cosmos DB, MongoDB Atlas, PostgreSQL, MySQL

System Design: Load Balancing, Caching (CDN), Database Scaling (Sharding, Replication), Message Queues (Azure Queues, RabbitMQ), Distributed Systems, CAP Theorem, Microservices Patterns, API Gateway Design

CI/CD & Tools: GitHub Actions, Azure DevOps, GitLab CI/CD, JIRA, Git, Webpack, Mocha, Chai, React Testing Library

AI & Modern Development: GitHub Copilot, Claude AI, Cursor IDE, Azure Cognitive Services, Prompt Engineering, AI-Assisted Development

Architecture: Microservices, Micro Frontends, RESTful APIs, API-First Design, OAuth2, JWT, RBAC

Security & Compliance: DevSecOps, SAST/DAST (Acunetix), VAPT, OWASP, Banking Regulations Compliance

PROFESSIONAL EXPERIENCE

Molex (Koch Industries)

Full Stack Developer

Bengaluru, India

Jun 2026 - Present

- Working on creating Kanban App that is tailored to specific business need for Copper and Transport Product Solutions

Project: Kanban App: Creating a customized Kanban solution tailoring business specific solutions

Skills: React JS, Power Apps, PCF, SSMS

Ernst & Young (EY)

Senior Consultant - Technical Lead | Client: Northern Trust (Banking Domain)

Bengaluru, India

Sep 2022 – Apr 2026

- Developed AI-powered document digitization platform processing 10K+ financial documents daily with 95%+ OCR accuracy using Azure Cognitive Services (Form Recognizer, Custom Vision)
- Engineered React.js frontend with custom hooks and MobX Store; built Nest.js RESTful APIs with Azure Durable Functions orchestrator achieving 99.9% processing success rate
- Migrated legacy Node.js v12 to latest LTS v24 codebase improving performance by 30% and reducing technical debt by 40%
- Implemented bulk document upload with progress tracking handling 1000+ concurrent documents with fault-tolerant retry mechanisms
- Built Azure HTTP Trigger webhooks for real-time banking system integration with RBAC and document-level security compliance
- Established comprehensive monitoring using Azure Application Insights reducing incident response time by 50%
- Mentored 5 junior developers on cloud-native patterns and conducted 100+ code reviews ensuring code quality standards

Project: NT Digitizer (NDG): An AI-powered flagship application at Northern Trust for extracting data from unstructured financial documents.

Skills: React JS, Node JS, Nest JS Framework, Cosmos DB, Azure Cloud, API Development, MobX Store, Azure DevOps, Prime React UI, Material UI, Typescript, REST APIs

Tata Consultancy Services (TCS)

Noida, India

Systems Engineer - Lead Developer | Client: Eli Lilly (Pharma Domain)

Jul 2021 - Sep 2022

- Led development of 7 mission-critical React/Node.js modules for sales analytics platform serving 200+ pharma sales teams, improving reporting speed by 25%
- Designed AWS Lambda-based data ingestion pipelines (S3 → SNS → API Gateway) with Aurora PostgreSQL backend
- Dockerized Node.js microservices and automated CI/CD via GitHub Actions reducing deployment time by 40%
- Resolved 50+ SAST/DAST vulnerabilities (Acunetix 360) achieving 100% security compliance for FDA-regulated environment
- Collaborated directly with US stakeholders managing requirements, enhancements, and weekly status reporting

Project: Eli Lilly – BUIT IBU Sales Analytics: A US pharmacy sales analytics application providing daily medicine sales insights for India and Taiwan affiliates.

Skills: React JS, Node JS, Express JS Framework, PostgreSQL DB, AWS Cloud, API Development, GitHub, Bootstrap, REST APIs

Xebia IT Architects

Gurugram, India

Technical Consultant | Client: Abu Dhabi Digital Authority - TAMM (Government Domain)

Sep 2020 - Jul 2021

- Delivered 10+ government e-services for UAE's largest digital transformation initiative serving 50K+ daily active citizens with 99.9% uptime
- Built responsive React/TypeScript UIs with Camunda BPMN workflows and Node.js microservices passing 100% government tech audits
- Automated GitLab CI/CD pipelines reducing release cycles from weeks to days across UAT, FUT, and production environments
- Resolved critical VAPT security issues and collaborated with multi-agency teams (EAD, ADAFSA) ensuring compliance

Project: TAMM - Provides one-stop unified government services to Abu Dhabi Emirate citizens.

Skills: React JS, Node JS, Express JS, TAMM Workbench, Camunda BPM, GitLab, TypeScript, REST APIs

Shadan Industrius

Noida, India

Web Developer

Nov 2017 - May 2020

- Developed full-stack e-commerce platform with React, Redux, Node.js integrating PayPal, Stripe, and OAuth2 authentication
- Built Firebase-based sports application and contributed to Myanmar E-learning project using Moodle

Skills: React JS, Node JS, Redux Thunk, Express JS, MySQL, Putty, REST APIs

Fundlr

New Delhi, India

Web Developer

Dec 2016 - Sep 2017

- Led development team building scalable crowdfunding and e-commerce platform using Laravel 5.4 and AngularJS
- Implemented Facebook/Twitter OAuth, PayPal integration, and OneSignal push notifications boosting user retention by 15%

Skills: JavaScript, MySQL, Putty

KEY ACHIEVEMENTS & IMPACT

- **Recognition:** EY Client Extraordinaire Award (2024, 2025) | EY Kudos Award (2023), TCS Gems Special Initiative Award (2022) | STAR Performer, AICTE Platinum Engineer
- **Operational Excellence:** Reduced manual document processing by 60% for Northern Trust enabling automated handling of 10K+ documents daily
- **Performance Optimization:** Achieved 30% performance improvement through Node.js version migration and architectural refactoring
- **Security Leadership:** Maintained 100% security compliance across banking and pharma projects through DevSecOps practices
- **Technical Content:** Published 20+ articles on Medium reaching 10K+ developers on JavaScript, Cloud, and AI topics

EDUCATION

Bachelor of Technology (B.Tech) - Electronics and Communication Engineering | Biju Patnaik University of Technology (BPUT University) | 2015

CERTIFICATIONS

1. Microsoft Azure AI Fundamentals (AI-900)
2. Professional Scrum Master (PSM 1)
3. Professional Scrum Product Owner I and II (PSPO I, II)

4. AI for Everyone (Coursera), EY AI Engineering Bronze Badge 2024

ADDITIONAL DETAILS

Languages: Hindi (Native), English (Fluent)

Hobbies: Travel, Content creation, Technical Blogging, Photography, Gadgets freak

Passport: Available (Passport Expiry: 2033) | Open to relocate (UAE, UK, Europe)