

Mohammad Noman Azhar

Architect/Team-lead Full Stack Engineer | MERN Expert

SUMMARY

- Full Stack Engineer with 9+ years of expertise in MERN stack, TypeScript, Node.js, React.js, and cloud technologies including AWS (EC2, S3, RDS).
- Proven track record in designing scalable microservices architectures, implementing CI/CD pipelines, and enhancing application security using JWT and OAuth.
- Led development of enterprise-grade applications and dashboards integrating complex APIs and cloud services, notably for clients like Amazon Seller Center and Barclays.
- Skilled in Agile methodologies, automated testing frameworks (Jest, Cypress), and containerization with Docker to ensure high-quality code.
- with strong database expertise in MongoDB, SQL, MySQL, and PostgreSQL

TECHNICAL SKILLS

Main Technical Skills	JavaScript (9 yr.), TypeScript (4 yr.), React (9 yr.), Node.js (9 yr.), MongoDB (9 yr.)
Programming Languages	JavaScript (9 yr.), PHP (9 yr.), TypeScript (4 yr.)
JavaScript Frameworks	Angular, Express (9 yr.), Ext JS, jQuery, NestJS, Node.js (9 yr.), React (9 yr.), Vue.js (9 yr.)
JavaScript Libraries and Tools	React Native (2 yr.), Redux-Saga (3 yr.)
Data Analysis and Visualization Technologies	Presto S3 (9 yr.)
Databases & Management Systems / ORM	MongoDB (9 yr.), MySQL (9 yr.), PostgreSQL (9 yr.), SQL (9 yr.)
UI Frameworks, Libraries, and Browsers	Bootstrap 4, CSS3 (9 yr.), HTML5 (9 yr.), jQuery
Cloud Platforms, Services & Computing	AWS (9 yr.)
Amazon Web Services	AWS Cognito, AWS EC2 (9 yr.), AWS SES
Deployment, CI/CD & Administration	CD DevOps pipelines (4 yr.), Jenkins (4 yr.)
Virtualization, Containers and Orchestration	Docker (7 yr.)
Version Control	Git (9 yr.)



SDK / API and Integrations	GraphQL, JWT (4 yr.), OAuth (4 yr.), RESTful API (9 yr.)
QA, Test Automation, Security	Jest (4 yr.), Mocha, Unit Testing (4 yr.)
Collaboration, Task & Issue Tracking	Jira (9 yr.)
Mail / Network Protocols / Data transfer	JWT (4 yr.)
Other Technical Skills	RDS (9 yr.)

WORK EXPERIENCE

Sr. Full Stack & Lead Software Engineer - NanoByte Technologies (Buggaz)

Duration: Oct 2020 - Present

Summary:

- Development of a robust dashboard integrated with Amazon Seller Center functionalities, providing scalable backend architecture and an interactive front end for seamless user experience
- The project leverages cloud management and contact center functionalities via AWS and Amazon Connect

Responsibilities:

- Led the design and development of large-scale MERN-based web applications with mobile-responsive designs.
- Managed team, expenses, and automated processes for increased efficiency.
- Implemented backend architecture using JavaScript, Node.js, and SQL databases.
- Created interactive front end using Typescript and React.js.
- Ensured seamless integration with AWS and Amazon Connect.
- Implemented automated testing frameworks like Jest and Cypress.
- Managed API integrations and backend services with Node.js and Express, improving scalability and security using JWT and OAuth.
- Orchestrated migration to microservices architecture using Docker and AWS.
- Improved code quality by implementing CI/CD pipelines with Jenkins and Git.
- Collaborated with cross-functional teams for requirement analysis and software development.
- Supported quality assurance efforts by contributing to test plan creation and execution.

Technologies: JavaScript, TypeScript, React.js, Node.js, Express.js, SQL databases, AWS (EC2, S3, RDS), Docker, JWT, OAuth, Jest, Cypress, Jenkins, Git

Senior Software Engineer - 2B Vision Technologies (Followup CRM)

Duration: May 2017 - Oct 2020

Summary:

- A comprehensive CRM built for construction companies to manage contracts, financial reports, and project workflows



- The system integrates backend and frontend technologies with RESTful APIs to ensure seamless data flow and operational efficiency

Responsibilities:

- Provided production support including requirements gathering, design, development, and implementation.
- Developed and maintained Node.js and React-based enterprise applications focusing on performance, security, and mobile responsiveness.
- Led adoption of TypeScript in full-stack development to improve type safety and maintainability.
- Leveraged AWS services for application deployment and cloud infrastructure management.
- Enhanced front-end performance using Redux for state management and optimized client-server interactions.
- Collaborated with UI/UX teams to ensure high-quality, responsive user interfaces.
- Troubleshooted and resolved production issues to ensure system stability and uptime.
- Enhanced database performance through optimized SQL queries and stored procedures.
- Led automated testing implementation to improve code stability and reduce bugs.

Technologies: Node.js, React.js, TypeScript, Redux, AWS (EC2, S3, RDS), RESTful APIs, SQL

Senior Software Engineer - 2B Vision Technologies (Barclays Compliance Reporting System)

Duration: May 2017 - Oct 2020

Summary: Developed an auditing web-based solution for Bank of Barclays to enhance compliance reporting and financial transparency by leveraging secure data protocols and improving UI performance.

Responsibilities:

- Designed and developed auditing web-based solution ensuring enhanced compliance reporting.
- Implemented secure data protocols and improved UI performance to streamline operations.

Technologies: JavaScript, React.js, Node.js, Secure data protocols

Senior Software Engineer - 2B Vision Technologies (KPMG Financial Workflow Management)

Duration: May 2017 - Oct 2020

Summary: Designed and implemented an internal auditing solution for KPMG to optimize financial workflows and improve accuracy, integrating third-party APIs for enhanced data handling and processing.

Responsibilities:

- Designed and implemented internal auditing solution optimizing financial workflows.
- Integrated third-party APIs for better data handling and processing.

Technologies: JavaScript, Node.js, React.js, Third-party APIs



Software Engineer - ABN Technologies

Duration: Aug 2015 - May 2017

Summary:

- Development of web and mobile applications integrating Node
- js APIs with React Native, containerized deployments using Docker, and optimized backend and frontend performance to support scalable and responsive applications

Responsibilities:

- Developed web and mobile applications integrating Node.js APIs with React Native.
- Implemented Docker for containerized deployments improving scalability.
- Optimized backend queries and frontend code for improved performance and responsiveness.
- Applied Agile methodologies for efficient iterative development.
- Collaborated with cross-functional teams to resolve complex technical issues.
- Designed and developed user-friendly front-end applications using React.js.
- Managed and optimized database solutions using SQL Server.

Technologies: Node.js, React Native, React.js, Docker, SQL Server, Agile

EDUCATION

- **Bachelor of Science - Computer Science**
University of Central Punjab (UCP)

