Contact

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Portfolio
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Education

2020
BS in Software Engineering

2021
Google Certification in MYSQL

2021
Certified from AWS & Cisco

Expertise

- Amazon AWS
- AWS S3
- AWS EC2
- Azure
- Docker
- Kubernates
- GitLab
- Ngnix
- Team Lead
- Work Management
- Maintenance
- Management
- Linux & CI/CD Pipelines
- NPM Packages Control
- Git Version control
- Server Management
- Technical Support

Muhammad Sarim

Lead Software Engineer

Hello, I'm Sarim, a Software Engineer with over 7 years of extensive experience. As a dedicated and skilled lead full-stack developer, my primary goal is to deliver bug-free applications and ensure user satisfaction. With my expertise and commitment to quality, I strive to contribute to innovative and efficient solutions that meet the needs of both clients and end-users.

Experience

September 2023 – Current
Byte Legion
Team Lead & Senior Full Stack Developer

Development Team Lead (SaaS and Device Management Applications)

- Led a team of developers in the design and development of full-stack SaaS (Software as a Service) and device management applications.
- Integrate Salt and tactical to optimize application performance and maintainability in device management and device remote access.

Lead of the Campaign Management Product

- Led a team of developers in the design and development of full-stack automate Mail Marketing product (Growtoro) using AWS, React, Laravel, Typescript, Nodejs.
- Attachment of different mail services, track there analytics, check the bounce rate and scheduling mails, balance the server load while sending 100s of mails same time.

Kubernetes and Docker Deployment Specialist (CI/CD Pipelines with GitLab)

- Proficiently created Kubernetes clusters and Docker containers for application deployment, ensuring scalability and portability.
- Established efficient CI/CD pipelines using GitLab, automating the build, test, and deployment processes, resulting in faster and more reliable software releases.

Secure API Development (Odoo and Node.js)

- Designed and implemented highly secure APIs using Odoo, a robust open-source ERP platform, ensuring data integrity and authentication.
- Adapted and enhanced APIs using Node.js to accommodate evolving business requirements, facilitating seamless integration with various systems and services.

June 2021 – August 2023
Codesix
Full Stack Developer

Email Server Management System with Node.js & React.js:

- Developed scalable email server management system with Node.js and RabbitMQ.
- Utilized React.js, Material-UI, and Formik for an enhanced user interface.
- Implemented server-side rendering (SSR) with Next.js for improved SEO performance.
- Integrated OAuth2 authentication for secure access.
- Employed Docker for containerization and CI/CD pipelines for automated deployment.

Streaming Application with Rabbitmq & React.js:

- Built high-performance streaming application with Node.js and Erlang OTP.
- Implemented real-time data streaming using RabbitMQ.
- Designed algorithms for duplicate image-checking.
- Ensured user authentication with OAuth2 and token passing.
- Utilized React Context API for application-wide state management.

Backend API Development:

- Developed RESTful API backend with robust database design.
- Implemented user authentication and authorization mechanisms.
- Utilized MongoDB with Mongoose for efficient data storage.
- Employed Socket.io for real-time communication.

Micro services Architecture with RabbitMQ, Node & React:

- Contributed to microservices-based platform using Node.js and Laravel
- Designed and implemented individual microservices.
- Utilized Docker for containerization and CI/CD pipelines for automation.
- Implemented state management libraries like Redux.

Real Estate Management System with Integrated Chat Support:

- Played a key role as a full-stack developer in real estate management system development.
- Utilized Node.js with Nest.js for backend development.
- Integrated chat support for seamless communication.
- Utilized Prisma for efficient data modeling and querying.
- Integrated AWS S3 for secure image and document storage

Jan 2018 – May 2021
Systems Limited
Frontend Developer

Three.js Interactive Visualization with React.js:

- Designed and developed a high-fidelity, user friendly frontend using Three.js for creating interactive 3D visualizations.
- Utilized React.js for building the user interface and integrating with Three.js. Implemented Redux for efficient state management and integrated payment gateways for transactions.
- Developed engaging user experiences with smooth animations and interactive features.

E-Wallet Development with Node.js:

- Successfully developed wallets using Node.js, implementing algorithms and working with relational databases.
- Designed and developed secure and efficient CRM & wallet systems with features like transaction history and balance management.
- Implemented robust security measures & wellness, including encryption and authentication protocols.
- Integrated third-party APIs for currency conversions, external payment integrations and data security.

Google Cloud Storage Integration with React & Nextjs:

- Worked with Google Cloud buckets for efficient storage and retrieval of data.
- Integrated Google Cloud storage into applications for handling media files, documents, and other data types.
- Implemented secure access controls and optimized storage configurations for cost-effectiveness.

Skills

Frontend	Backend	Databases	Testing & Queue	Web Technologies	Other
React.js	Node.js	SQL	RabbitMQ	HTML	Strapi
Next.js	Nest.js	MariaDB	Erlang OTP	CSS & SCSS	Docker
Vue.js	Express.js	Postgres	Mocha	Threejs gasp	JQuery
Blade	GraphQL	Mongoose	Chai	Tailwind	TypeScript
	Redis	DynamoDB	Cross env	Bootstrap	JavaScript (ECMA)
		NoSQL		Material UI	Socket.io