



Riajul Islam

Software Engineer

"I am a skilled Full Stack Developer with 3.5+ years of experience in React.js, Next.js, Vue.js, Node.js, Laravel, and Golang. I have expertise in high-performance backend systems, architecture optimization, and efficient query optimization. I am experienced in WebSocket/Pusher-based tasks, SQL/NoSQL databases. Additionally, I have worked with microservices, Kubernetes, and distributed systems. I am proficient in various cloud services, particularly AWS, and have strong skills in DSA and problem-solving. I also have solid DevOps skills, including experience with Docker, Kubernetes, GitHub Actions, GitLab CI, Bitbucket Pipelines, Jenkins, Helm, ArgoCD, Terraform, Ansible, and monitoring tools like Grafana and Prometheus."

Contact

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Areas of Expertise

- ◆ Full Stack Development
- ◆ Architecture & System Design
- ◆ Microservices
- ◆ DevOps & Cloud Computing

Technology/Tools

- Vue.js , React.js, Next.js, Solid.js & Inertia.js
- JavaScript, TypeScript , C , C++, Java, Python, Php & Go
- Laravel, Node.js & Golang
- MySql, PostgrSql & MongoDB
- Radis , RabbitMQ & Kafka
- GraphQL , gRPC
- GitLab CI, Bitbucket Pipelines & Github Action
- Socket.io & WebRTC
- Docker & Kubernetes
- AWS & AWS SDK
- Jenkins, Helm & ArgoCD
- Mocha, Chai, Jest, Junit & TDD
- terraform & Ansible
- Grafana and Prometheus
- bash scripting

Education

- **SSC - Science**
Dhakuria protapkati High School
- **Diploma - Electrical Engineering**
Model Polytechnic Institute (Jashore)

Experience

- **Appify Lab (Frontend Developer)**
- Duration (01/Jan/ 2021 - 30/Dec/2021)
- **UMRLAB (Full Stack Developer)**
- Duration (01/Jan/ 2022 - 30/Jun/2023)
- **IAKGC (Backend Developer)**
- Duration (01/Jul/ 2023 - Present)

Key Responsibilities & Expertise

◆ Backend & API Development

Designed and developed high-performance backend systems and RESTful APIs using Laravel, Node.js, and Golang. Integrated GraphQL and gRPC to enable efficient and flexible data communication across services.

◆ Frontend Development

Built modern, responsive, and interactive user interfaces using Vue.js, React.js, Next.js, Solid.js, and Inertia.js, delivering seamless Single Page Applications (SPA) and Server-Side Rendering (SSR) experiences.

◆ State Management

Handled complex application states using Redux, Redux Toolkit, RTK Query, Vuex, and Pinia, ensuring smooth data flow and predictable behavior across applications.

◆ Database & Caching

Architected and optimized relational and NoSQL databases including MySQL, PostgreSQL, and MongoDB. Implemented caching and high-speed data access using Redis. Also experienced with RabbitMQ and Kafka for asynchronous task queues and event-driven systems.

◆ Real-Time Communication

Implemented real-time features using WebSocket, Socket.io, and WebRTC, enabling functionalities such as live notifications, chats, and collaborative interfaces.

◆ Cloud & DevOps

Deployed and managed scalable cloud-native applications primarily on AWS, leveraging services via AWS SDK. Built and maintained robust CI/CD pipelines using GitHub Actions, GitLab CI, Bitbucket Pipelines, and Jenkins. Utilized Docker for containerization, and orchestrated deployments using Kubernetes. Automated infrastructure with Terraform and Ansible.

◆ Monitoring & Observability

Monitored application health and performance using Grafana and Prometheus, ensuring system reliability and proactive issue resolution.

◆ Infrastructure & Release Management

Employed tools like Helm and ArgoCD for Kubernetes package management and GitOps-based deployments, improving consistency and deployment automation.

◆ Testing & Code Quality

Adopted Test-Driven Development (TDD) principles and ensured code reliability with unit and integration tests using Mocha, Chai, Jest, and JUnit.

◆ Version Control & Collaboration

Managed source code and facilitated team collaboration using Git, GitHub, GitLab, and Bitbucket, ensuring streamlined development workflows and efficient code reviews.

◆ Automation & Scripting

Wrote automation scripts and custom tooling with Bash scripting to streamline development, deployment, and maintenance tasks across environments.

◆ System Design & Architecture

Led full-stack project development by following software architecture best practices, emphasizing scalability, maintainability, documentation, and secure development lifecycle.