

# ABDUL MOBASIR SARKAR

## Full Stack Engineer

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### Summary

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Full Stack Engineer with **3+ years** of experience developing scalable web applications, backend services, and enterprise platforms using **Golang, Python, TypeScript, React, Next.js, PostgreSQL, and Redis**. Experienced in building REST/GraphQL APIs, real-time applications, authentication systems, and distributed services, with hands-on experience in **Docker, GitHub Actions, Nginx, Linux**. Focused on building scalable, maintainable, and production-ready applications.

### Skills

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**Languages:** Go (Golang), Python, Typescript, Javascript (ES6+), Bash.

**Frontend:** React.js, Next.js, Angular, HTML5, CSS3, SASS, TailwindCSS.

**Backend:** Gin, Chi, Node.js, Flask, Nest.js, GraphQL, WebSockets., Microservices, RestAPIs

**Infrastructure & Devops:** Github Actions, Docker, Jenkins, Nginx, Firebase.

### Experience

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#### FullStack Developer

January 2026 – Present

Roadcast Tech Solutions Pvt. Ltd., Delhi, India (OnSite)    Golang, Python, GraphQL, Angular, PostgreSQL, Redis, Docker

- **Reduced release turnaround time by 50%** by designing standardized CI/CD pipelines using GitHub Actions for multi-environment deployments.
- **Led development of an HRMS platform serving 1,000+ users**, delivering employee management, workforce scheduling, attendance tracking, and workflow automation capabilities.
- **Architected a Fleet Management Platform** enabling device and vehicle model-based tracking, route planning, trip orchestration, and real-time operations using Golang, GraphQL, PostgreSQL, Redis, and Angular.
- **Architected centralized authentication and authorization services** across multiple enterprise applications, implementing secure session management, RBAC, and organization-level access control.

#### Associate Software Engineer

May 2023 – January 2026

Bioqube Matrics Pvt. Ltd., Noida, India

NestJS, Python, Flask, Next.js, PostgreSQL, Pm2, Docker

- **Achieved 92% validation accuracy** by designing and deploying custom computer vision models for real-time user activity detection and monitoring using IP camera streams.
- **Built a multi-tenant identity management platform** with RBAC, secure user onboarding, and access management workflows across multiple organizations using NestJS, PostgreSQL, Redis, and Next.js.
- **Engineered low-latency backend services** with NestJS, PostgreSQL, and Redis, optimizing data access patterns and supporting concurrent enterprise workloads.

### Projects

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**NexusFlow - Inventory & Order Management System** | Flask, Next.js, PostgreSQL, Valkey, Docker | [Inventory.com](#)

- **Architected a production-grade inventory and order management platform** using Flask, Next.js, PostgreSQL, and Valkey, implementing transactional order processing, stock validation, and ACID-compliant business workflows.
- **Designed scalable system architecture** using cache-aside patterns, automatic cache invalidation, repository-service design, and Docker-based deployments to improve maintainability and performance.

**BeyondEvent - Event Simulation Platform** | React, Node.js, PostgreSQL, Redis, Socket.IO, Docker | [BeyondEvent.com](#)

- **Designed and developed an event-driven architecture simulation platform** that enables developers to model distributed systems, create service topologies, and visualize asynchronous event flows through an interactive graph-based editor.
- Implemented **topology management, event persistence, real-time event streaming** using Socket.IO, distributed tracing, and replay capabilities with PostgreSQL, Redis, and a **modular event bus architecture** for debugging complex workflows.

### Education

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#### Bachelor of Computer Applications

Maharshi Dayanand University, Rohtak, India