Fizan Muhammed Faisal

Full Stack Developer

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GitHub | X.com | Portfolio | LinkedIn

Profile

Software developer specializing in scalable web applications and distributed systems. Experienced across frontend, backend, and microservices architectures. Owns features end-to-end from system design through production deployment, with a track record of delivering complex technical solutions in collaborative team environments.

Technical Skills

Frontend: JavaScript, TypeScript, React.js, Next.js, Pixi.js,Phaser.js Zustand, Redux, Tailwind CSS, Motion
Backend: Node.js, Express.js, Bun.js, RESTful APIs, GraphQL, gRPC, Real-Time Systems (WebSockets, SSE)
Databases & Caching: PostgreSQL, MongoDB, Redis (Caching, Sessions, Pub/Sub, Data Modeling)
Messaging & Eventing: RabbitMQ, Kafka (Event Streaming, Event-Driven Systems)
DevOps & Infrastructure: Docker, Kubernetes, Skaffold, GitHub Actions (CI/CD), GCP, AWS, Vercel, Azure, Monitoring (Prometheus, Grafana, Loki)
Testing: Jest, Mocha, Playwright, Vitest, k6 (Unit, Integration, E2E, Load Testing)
Architecture: Microservices, Microfrontend Architecture, Scalable System Design, Clean Code, OOAD
Tools: Git, Jira, Linear, Postman, Slack, Figma

Collaboration

Full Stack Developer & Sprint Lead   April 2024 – Present
Brototype – Collaborative Team Environment   *Kochi, Kerala*

- Developing production-grade applications while managing Agile sprint cycles for a cross-functional team of 5 developers
- Led 4-week sprint, gaining hands-on experience in team management, sprint planning, and delivery coordination
- Served as infrastructure lead for production release, managing deployment across frontend and backend services with Kubernetes and GCP
- Optimized distributed systems architecture, coordinating with team members on containerization, orchestration, and CI/CD pipeline implementation
- Facilitated daily standups, sprint retrospectives, and code reviews to maintain code quality and knowledge sharing across the team

Projects

ToGather | *Event Matching Platform (Microservices MVP)*   September 2025 – January 2026

- Collaborated on building scalable platform connecting people who wants any kind of experience with similar-interest groups, implementing event-driven microservices architecture with ML-powered personalized feeds
- Architected and implemented multiple microservices following Clean Architecture and Repository Pattern, handling end-to-end feature development from system design to deployment
- Built analytics tracking system on frontend for ML data ingestion, capturing user behavior and preferences for personalized recommendations
- Designed inter-service communication using Kafka for event streaming and message processing between distributed services
- Led infrastructure and deployment as infrastructure lead, implementing Kubernetes orchestration with Skaffold for local development and GCP for production
- Managed Agile workflow with 4-week sprints using Jira for task tracking, Slack for team communication, and Betterstack for monitoring
- Technologies: React, TanStack Query, Node.js, Express, PostgreSQL, MongoDB, Redis, Kafka, Docker, Kubernetes, Skaffold, GitHub Actions, GCP, Betterstack

FrameUP | *E-commerce Platform for Artists*

- Designed and built full-stack monolithic e-commerce platform for selling paintings and sculptures with focus on seamless user experience
- Implemented advanced search and filtering, shopping cart functionality, and integrated AI chatbot for enhanced customer engagement

- Built comprehensive admin dashboard for inventory management, sales analytics, and user management with role-based access control
- Architected scalable backend with JWT authentication, Razorpay payment gateway integration, and optimized MongoDB queries for performance
- Technologies: React, Node.js, Express.js, MongoDB, Razorpay API, JWT, Deployed on Vercel, Render, MongoDB Atlas

PixelMeet | *Real-Time Virtual Workspace*   *In Progress*

- Building a real-time virtual workspace (in progress); currently implemented a 2D map editor powered by Pixi.js for interactive layout design
- Planning spatial interaction (avatars, rooms) with WebSocket-based real-time communication and 2D rendering using Pixi.js/Phaser.js
- Designing supporting backend services with RabbitMQ for messaging and Redis for session management/caching
- Containerizing services with Docker and Kubernetes, with PostgreSQL for persistent storage (in progress)
- Technologies: React, Pixi.js, Phaser.js, Node.js, WebSockets, PostgreSQL, MongoDB, Redis, RabbitMQ, Docker, Kubernetes