

# FAHIM HASAN

## SENIOR FULL STACK SOFTWARE ENGINEER | TEAM LEAD

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Senior Full Stack Software Engineer with 11+ years of experience designing, developing, and scaling web, backend, and mobile applications. Expertise in microservices architecture, cloud-native systems (AWS, Kubernetes), and high-availability platforms. Proven experience leading cross-functional teams, delivering fintech, SaaS, AI-driven, OTT, and e-commerce solutions for global markets.

### SKILLS

**Frontend Development:** React.js, Next.js, Nuxt.js, Quasar.js, Svelte, Angular, Redux, Zustand, Vuex, Rxjs, SPA, SSR, PWA, WebRTC, Electron, Tailwind CSS, Bootstrap, Foundation,

**Backend Development:** Nest.js, Express, Bun, Golang, Django, FastAPI, CodeIgniter, Laravel, Wordpress, RabbitMQ, Apache Kafka, Socket.io, Mail Client, Faker, Stripe, Paypal, In App Purchase.

**Database:** MySQL, Postgres, MongoDB, DynamoDB, DocumentDB, Redis, Cassandra.

**Mobile Development:** Compose MultiPlatform, React Native, Flutter, Ionic, Kotlin Android, Swift iOS

**Server Experience:** AWS EC2, S3, CloudFront, CloudWatch, Route 53, Amplify, SQS, CodePipeline, Lambda, API Gateway, Vercel, Google Cloud, Microsoft Azure, Digital Ocean, Kubernetes, Trigger, Upstash/Downstash, CloudFlare.

**Development Tools:** Swagger, Postman, Insomnia, Hoppscotch, MySQL Workbench, PhpMyAdmin, pgAdmin, MongoDB Compass, Firebase, Supabase, Docker, Android Studio, Xcode, GitKraken, GitHub Desktop, GitHub Actions, Jenkins, ArgoCD, Husky, SonarCloud, VS Code.

**Testing & Debugging Tool:** Jest, Mockito, JUnit, PyTest, Dtox, Prometheus, Grafana, Sentry, PostHog, JMeter.

**PM Tool:** Clickup, Jira, Redmine, Basecamp, Trello, Slack, Teams.

**AI Tools:** Copilot, Cursor, Claude Code, Codex, Stitch (For UI), CanvaAI, Gemini (For OCR), ElevenLabs, Grok

### PROFESSIONAL EXPERIENCE

#### SILICON ORCHARD LIMITED

##### Team Lead

Jan 2024 - Present

- Led end-to-end development of OTT platforms, AI agent systems, lawyer consultancy SaaS, video calling apps, and micro-SaaS products for the US market
- Architected complex distributed systems and managed system operations across backend, web, and mobile platforms
- Converted high-level product concepts into fully functional applications by coordinating multiple engineering resources
- Designed scalable backend services using NestJS, Golang, Supabase, and cloud-native infrastructure
- Integrated real-time communication, payment gateways, and third-party APIs across platforms
- Mentored and guided engineers while ensuring timely delivery and architectural consistency

## **NEXKRAFT LIMITED**

### **Team Lead**

Feb 2022 - Dec 2023

- Designed and developed fintech, edtech, e-commerce, POS, ERP, CRM, kiosk, and ride-sharing applications using React, Next.js, NestJS, and Laravel
- Implemented microservices architecture with API versioning, improving system scalability and deployment flexibility
- Managed Git workflows, enforced code quality standards, and established CI/CD pipelines using GitHub Actions and Jenkins
- Led IAM configuration, role-based access control (RBAC), and security setup during system design and project initiation
- Collaborated with cross-functional teams to translate business requirements into production-ready applications
- Improved application performance and maintainability through modular architecture and best coding practices

## **SPINNER TECH SOFTWARE LTD**

### **Senior Software Engineer | Team Lead**

Jan 2020 - Dec 2021

- Developed grocery, MLM, super shop, screen sharing, and ride-sharing applications across web and mobile platforms
- Built a full-scale clinical appointment management system including backend APIs, web dashboard, and mobile applications
- Led development using React, Flutter, Express.js, and Laravel
- Coordinated task planning, code reviews, and delivery as Team Lead
- Ensured scalable architecture and clean code practices across projects

## **BIZBRAINERS LIMITED**

### **Software Engineer**

2017-2020

- Delivered pixel-perfect web and mobile applications from Figma designs using Vue.js, React, and React Native
- Contributed to the development of a modular ERP system using Laravel monolithic architecture
- Worked closely with designers and stakeholders to ensure UI/UX accuracy and performance

## **TECHTREE**

### **Software Engineer**

2016

- Converted Illustrator designs into HTML and WordPress themes
- Developed e-commerce websites, price comparison systems, and landing pages
- Built internal tools including mail clients, PDF generators, and invoice systems
- Designed responsive email templates for marketing campaigns

## RECENT PROJECTS

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### Social Media Platform – Jonoshokti Digital

**Technologies:** Flutter, Next.js, Laravel, REST APIs, Reverb, Agora, FCM

- Developed a large-scale social media and political engagement platform for public awareness
- Built Flutter-based mobile applications for Android and iOS platforms
- Implemented Next.js frontend and Laravel backend for content management and user workflows
- Designed and integrated personalized political party management features
- Ensured secure authentication, role-based access control, and scalable API architecture
- Deployed applications to production environments and supported live users
- Store link: [Google Playstore](#) [Appstore](#) [Website](#)

### AI-Based Podcast Generating Service – Learn By Podcas

**Technologies:** React Native (Expo), Next.js, Supabase, ORPC, Trigger.dev, FCM, OpenAI, Gemini, Betterauth, Elevenlabs, Anthropic, Revenuecat, Sentry

- Contributed to the development of a cross-platform AI-powered podcast generation platform
- Developed and maintained React Native mobile application and Next.js monorepo frontend
- Implemented backend functionality using Next.js ORPC architecture with Supabase database
- Integrated real-time workflows and background jobs using Trigger.dev
- Collaborated with product and backend teams to deliver scalable and reliable AI-driven features
- Deployed and supported applications across Google Play Store, Apple App Store, and web
- Store link: [Google Playstore](#) [Appstore](#) [Website](#)

### Lawyer Consultancy SaaS – Lawyers2Go

**Technologies:** Next.js, NestJS, React Native, Kubernetes, Microservices, FCM, PostgreSQL, ESC, Grafana, AWS S3, CloudFront, ELB, EKS

- Led the end-to-end architecture and development of a lawyer consultancy SaaS platform
- Designed full system architecture including Kubernetes cluster, security, and data layers
- Developed frontend using Next.js, backend microservices with NestJS, and mobile app with React Native
- Implemented scalable microservices communication and secure authentication mechanisms
- Coordinated a cross-functional engineering team to deliver production-ready SaaS applications
- Deployed and maintained applications across mobile app stores and web platforms
- Store link: [Google Playstore](#) [Appstore](#) [Website](#)

### OTT Directory Listing Platform – Streembeam

**Technologies:** Next.js, Backend APIs, Cloud Infrastructure, Elasticsearch, MongoDB, FCM, ELB

- Designed and developed an OTT directory listing platform aggregating multiple streaming services
- Architected a unified data model to normalize platform data, assets, availability, and ratings
- Implemented scalable backend services to manage high-volume content and metadata
- Developed responsive frontend interfaces for web and mobile users
- Solved complex data-mapping challenges across heterogeneous OTT platforms
- Deployed applications across web, Android, and iOS environments
- Store link: [Google Playstore](#) [Appstore](#) [Website](#)

## EDUCATION

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**Bachelor of Electrical & Electronics Engineering**

International Islamic University Chittagong

**May 2013 - May 2017**