FARIAN BIN RAHMAN

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Portfolio | GitHub

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python
Frontend: React, Next.js, TanStack Query, Redux, Zustand, Tailwind, Zod, Konva.js, Material UI
Backend: Node.js, Express.js, GraphQL, Prisma, JWT, Passport.js, PostgreSQL, MongoDB, Socket.io, Stream SDK
DevOps & Integrations: Docker, GitHub Actions, Vercel, Render, AWS (EC2, S3), SendGrid, Nodemailer, node-cron, ssh

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PROJECTS

Go Grind | React, TanStack Query, Stream SDK, Zustand, Express, MongoDB
- Engineered a full-stack productivity platform with live video "focus session" rooms, timer and goal-tracking by integrating real-time Stream SDKs for synchronous co-working/studying.
- Built role-based authentication (JWT + bcrypt), session history, and analytics (streaks, focus-time trends) to drive engagement and retention.
- Added performance-oriented state handling with TanStack Query and Zustand, reducing redundant network calls and keeping UI updates immediate during live sessions.
- Project Links: Live • GitHub

Think Space | React, Konva.js, Socket.io, Express, PostgreSQL
- Built a real-time collaborative whiteboard app using React, Konva.js, and Socket.IO, enabling multi-user note creation and live canvas interaction.
- Designed a scalable backend with Express, Prisma, and PostgreSQL, including board-level rooms, role-based access, and persistent state.
- Project Links: Live - GitHub

Subscription Manager | React, Express, GraphQL, MongoDB
- Created a full-stack subscription management app with automated email alerts and analytics dashboard.
- Deployed GraphQL API with Apollo Server, implemented authentication via Passport.js, and scheduled reminders using SendGrid and node-cron.
- Project Links: Live - GitHub

EDUCATION

B.Sc. in Textile Engineering (Industrial & Production)
Bangladesh University of Textiles | Jan 2017 - Sep 2022 | CGPA: 2.99/4.00

CERTIFICATIONS

- Python for Data Science, AI & Development – IBM
- Data Analytics Professional Certificate - Google
- IELTS 7.5 (CEFR C1 Equivalent)
- Runner-Up - Lakshmipur Regional Math Olympiad (2014)