

Ryan Abir

Full Stack MERN & SaaS Developer | AI-Powered Web Apps

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Portfolio: <https://www.ryanabir.space>

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Professional Summary

Full Stack MERN & SaaS Developer focused on building production-ready web applications, SaaS dashboards, authentication systems, billing flows, and AI-powered web apps using Next.js, React, TypeScript, Node.js, Express.js, Prisma, Stripe, Clerk, Firebase, and MongoDB.

Experienced in developing end-to-end applications with secure authentication, database persistence, server-side business logic, responsive UI, REST APIs, Stripe Checkout, webhook-based subscription syncing, customer billing portals, and plan-based feature gating.

Strong focus on clean UI, scalable architecture, real product workflows, and applications that demonstrate business logic beyond basic CRUD.

Technical Skills

Frontend: React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, Responsive UI

Backend: Node.js, Express.js, REST APIs, Next.js API Routes, Server Actions, Authentication

Database & Cloud: PostgreSQL, Neon, Prisma, MongoDB, Firebase, Firestore

SaaS & Payments: Stripe Billing, Stripe Checkout, Webhooks, Customer Portal, Subscription Logic, Plan-Based Gating

AI & Product Engineering: Gemini AI, AI Dashboards, SaaS Applications, Clean Architecture, Technical Assessments

Tools & Deployment: Git, GitHub, Vercel, Postman, npm, pnpm, Environment Variables

Projects

SaaS Billing Starter — Next.js Subscription Billing System

Live Demo: <https://saas-billing-starter-one.vercel.app>

GitHub: <https://github.com/RyanAbir/saas-billing-starter>

Tech Stack: Next.js, TypeScript, Stripe Billing, Clerk, Prisma, Neon PostgreSQL, Tailwind CSS, Vercel, Webhooks

Built a production-style SaaS billing starter that demonstrates a complete subscription lifecycle from authentication to checkout, webhook sync, billing management, scheduled cancellation handling, duplicate subscription prevention, and server-side feature gating.

Key Features

- Implemented Clerk authentication with protected dashboard and billing routes
- Built Stripe Checkout subscription flow for monthly and yearly plans
- Synced subscription status using Stripe webhooks as the source of truth
- Persisted users, subscription state, and projects with Prisma + Neon PostgreSQL
- Integrated Stripe Customer Portal for billing, payment method, and cancellation management
- Handled scheduled cancellation states using Stripe subscription lifecycle fields
- Added server-side Free vs Pro feature gating
- Prevented duplicate active subscriptions with a checkout guard
- Deployed live on Vercel with production webhook endpoint configuration

Engineering Highlights

- Used webhook-first billing logic instead of trusting client-side payment redirects
- Synced subscription status, plan, price ID, renewal date, and cancellation state to the database
- Built project limit gating where Free users are limited and Pro users have unlimited access
- Debugged deployment issues including Prisma generation, Vercel environment variables, Stripe redirect URLs, and webhook configuration
- Documented architecture, demo flow, screenshots, and security notes for portfolio presentation

Family Finance Management — SaaS + AI Dashboard

Live Demo: <https://family-fin-management.vercel.app/>

GitHub: <https://github.com/RyanAbir/family-fin-management>

Tech Stack: Next.js, TypeScript, Firebase, Tailwind CSS, Gemini AI, Recharts

Built a family finance and property management dashboard with role-based access, expense tracking, property income management, family member assignment, and AI-powered financial insights.

Key Features

- Dashboard for family finance and property tracking
- Role-based authentication and access control
- Property income and expense management
- AI-generated financial insights
- Responsive SaaS-style interface
- Firebase backend integration

Responsibilities

- Developed dashboard UI using Next.js and Tailwind CSS
- Integrated Firebase authentication and database services
- Built finance and property management workflows
- Added AI-powered financial insight features
- Designed responsive dashboard layouts for practical family finance use cases

SecureNotes — Full Stack MERN Application

Live Demo: <https://securenotes-app.vercel.app/>

GitHub: <https://github.com/RyanAbir/securenotes-app>

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT Authentication, Vercel

Built a secure full-stack note-taking application featuring user authentication, protected dashboards, CRUD functionality, and user-specific data management.

Key Features

- JWT-based user authentication
- Protected dashboard routes
- Secure note creation, editing, and deletion
- MongoDB database integration
- REST API backend with Express.js
- Responsive React interface
- Cloud deployment

Responsibilities

- Developed frontend UI using React.js
 - Built REST APIs with Node.js and Express.js
 - Integrated MongoDB for user-specific data storage
 - Implemented JWT authentication and protected routes
 - Deployed the application using Vercel
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Experience

Freelance Full Stack Developer

Self-Employed | Remote

Developing modern web and mobile applications using Next.js, React, Node.js, Express.js, Firebase, MongoDB, Prisma, Stripe, and Flutter.

Focus Areas

- Full-stack web application development
 - SaaS dashboard development
 - Authentication and authorization systems
 - Stripe subscription billing workflows
 - REST API and database integration
 - Responsive UI development
 - Cloud deployment with Vercel
 - AI-assisted product development workflows
 - Technical assessment workflow: repository analysis, debugging, refactoring, lint/build validation, Git commits, and production-readiness review
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Education

Diploma in Refrigeration & Air Conditioning Technology

Government Polytechnic Institute

Mechanical Engineering Studies

IUBAT — International University of Business Agriculture and Technology

Additional Information

- Open to remote full-stack developer roles
- Available for freelance and contract work
- Interested in SaaS, AI-powered products, billing systems, and production-ready web applications
- Strong focus on clean UI, scalable architecture, and real-world product workflows