

# Ryan Abir

## Full Stack MERN & Flutter Developer

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

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## Professional Summary

Full Stack MERN & Flutter Developer focused on building scalable web and mobile applications, SaaS-ready platforms, authentication systems, dashboards, and AI-integrated features. Experienced in developing responsive user interfaces, REST APIs, secure authentication flows, Firebase integrations, and cloud-deployed applications using modern JavaScript technologies.

Skilled in React.js, Next.js, Node.js, Express.js, MongoDB, Flutter, Firebase, and TypeScript. Passionate about building clean, production-ready applications with strong user experience and scalable architecture.

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## Technical Skills

### Frontend

- React.js
- Next.js
- TypeScript
- JavaScript (ES6+)
- Tailwind CSS
- HTML5
- CSS3
- Responsive Web Design

## Backend

- Node.js
- Express.js
- REST APIs
- Authentication & Authorization
- JWT Authentication
- CRUD Operations

## Database & Cloud

- MongoDB
- Firebase
- Firestore

## Mobile Development

- Flutter
- Dart
- Cross-Platform App Development

## Tools & Deployment

- Git
- GitHub
- Vercel
- Postman
- npm

## Current Focus

- SaaS Applications
  - AI Integrations
  - Next.js
  - Stripe Payments
  - Clean Architecture
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# Projects

## SecureNotes — Full Stack MERN Application

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

Built a secure MERN stack web application featuring user authentication, protected dashboards, CRUD functionality, and secure user-specific data management.

### Key Features

- User authentication system
- Protected dashboard
- Secure note management
- CRUD operations
- Responsive user interface
- Cloud deployment

### Responsibilities

- Developed frontend UI using React.js
  - Built REST APIs with Express.js
  - Integrated MongoDB database
  - Implemented authentication and protected routes
  - Deployed application using Vercel
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## Personal Finance Management App — Flutter + Firebase

**Tech Stack:** Flutter, Dart, Firebase, Firestore

Developed a cross-platform personal finance management mobile application for tracking expenses, managing budgets, and visualizing financial analytics.

### Key Features

- Expense tracking
- Dashboard analytics
- Cloud synchronization
- Firebase authentication
- Cross-platform support

## Responsibilities

- Developed mobile UI using Flutter
  - Integrated Firebase backend services
  - Connected Firestore database
  - Built dashboard and analytics features
  - Managed responsive mobile layouts
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## AI Finance Assistant — In Progress

**Tech Stack:** Next.js, TypeScript, Firebase, AI Integration

Currently building an AI-powered finance dashboard featuring smart financial insights, budget recommendations, monthly summaries, and SaaS-ready premium features.

## Planned Features

- AI-generated financial insights
  - Budget recommendations
  - Monthly expense summaries
  - Premium subscription features
  - SaaS-ready architecture
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## Experience

### Freelance Full Stack Developer

Self-Employed | Remote

Developing modern web and mobile applications using MERN stack, Flutter, Firebase, and modern frontend technologies.

## Focus Areas

- Full stack web development
- Mobile application development
- Dashboard systems
- Authentication systems
- SaaS-ready applications

- API integration
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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

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## Certifications

Currently focused on building real-world projects, SaaS applications, and AI-integrated products through hands-on development experience.

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## Additional Information

- Open to remote opportunities
- Available for freelance and contract work
- Interested in SaaS and AI-powered product development
- Strong focus on clean UI and scalable application architecture