

# MEHEDI HASAN AKASH

## MERN Stack Developer

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### CAREER OBJECTIVE

Passionate MERN Stack Developer driven by a vision to build highly scalable and secure web applications. Seeking to leverage a full-stack approach for innovative problem-solving and contribute to impactful projects that deliver exceptional user experiences.

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### Technical-Skills

**Programming Languages:** JavaScript, TypeScript, C, C++, Java, Python, Dart

**Front-end:** React, Next.js, HTML5, CSS3, Tailwind CSS, Material UI, Context API, Recharts

**Testing/Quality:** Unit & Integration Testing (Conceptual/Self-Taught), Debugging, Code Validation, Responsive Design

**Back-end & Tools:** Node.js, REST APIs (Integration), Git/GitHub, Vercel, Postman

**Database:** MongoDB, SQL

**SOFT-SKILLS:** [Problem Solving](#), Quick Learner, Communication, Teamwork

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### PROJECTS

**LifeSure** - An Insurance Management MERN Stack based project [Live-Link](#) [Client-Side](#) [Server-Side](#)

- Designed a multi-step insurance application flow, from quote generation to final submission.
- Implemented role-based dashboards for Admin, Agent, and Customer with features like policy management, agent approval, application assignment, and customer monitoring.
- Added a complete payment system with premium payments and transaction history.

**Tech-Stack:** React, Tailwind css, Framer Motion, Express js, Stripe, Firebase, MongoDB

**SleepSync** -(Full Stack Sleep Tracking & AI Coaching App) [Live-Link](#) [Github-Repo](#)

- Developed a sleep-logging system where users can record daily sleep data and instantly generate AI-powered summaries.
- Built a real-time dashboard that visualizes sleep quality, patterns, and wellness status through dynamic charts and insights.
- Added interactive user features including blog reading with comments/likes and an AI chat page that provides personalized sleep improvement suggestions.

**Tech-Stack:** Next.js, TypeScript, Prisma, SQL, Tailwind CSS, Gemini AI, Framer Motion, Recharts, Next-Auth.

**TripEase**- A Tour Management MERN Stack based project [Live-Link](#) [Client-Side](#) [Server-Side](#)

- Developed an interactive tour browsing experience with dynamic filtering, detailed views, and smooth booking interactions.
- Designed a scalable and clean UI architecture to keep components consistent, reusable, and easy to maintain.
- Connected the frontend with backend endpoints to enable real-time tour availability, bookings, and user actions.

**Tech-Stack:** React, Tailwind css, Framer Motion, Express js, Firebase, MongoDB

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### EDUCATION

Bachelor of Science in Computer Science and Engineering, Leading University

April 2023 - Present

### Certification

- Programming Hero - Complete Web Development Course (MERN Stack)
- Programming Hero - Black Belt Certificate

**Language Proficiency:** Bangla – Native | Hindi – Fluent | English – Conversational