

## CONTACT

### LOCATION

Ahmedabad, Gujarat

### PHONE

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### EMAIL

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### LINKEDIN

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### GITHUB

github.com/Aayush8113

## LANGUAGES

Gujarati	NATIVE
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Hindi	FLUENT
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English	INTERMEDIATE
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## EDUCATION

### B.E. Computer Engineering

Gandhinagar Institute of Technology

### PURSUING

### Full Stack Development

Self-Directed Intensive

2024

# AAYUSH TRIPATHI

## Full Stack Developer & MERN Specialist

### EXECUTIVE PROFILE

Results-driven **Full Stack Developer** specialized in the MERN ecosystem. Proficient in architecting scalable Single Page Applications (SPAs) and optimizing backend performance. I combine rigorous **algorithmic problem-solving** with a passion for clean, maintainable code to deliver high-quality production software.

### PROFESSIONAL EXPERIENCE

#### MERN Stack Developer Intern

6 Months

FRANMAXINDIA PVT • Ahmedabad

- Frontend Engineering:** Architected responsive, high-performance user interfaces using **React.js** and modern CSS frameworks, ensuring pixel-perfect execution of Figma designs.
- API Development:** Orchestrated robust RESTful API endpoints using **Node.js** and **Express**, implementing asynchronous data handling to optimize server response times.
- Database Optimization:** Managed complex **MongoDB** aggregations and schemas, ensuring strict data integrity and efficient CRUD operations in a production environment.
- Agile Workflow:** Collaborated in a cross-functional team using **Git/GitHub** for version control, managing merge conflicts and code reviews efficiently.

## TECH ARSENAL

### FRONTEND

- React.js
- Next.js
- Tailwind CSS
- Redux State
- HTML5/CSS3

### BACKEND

- Node.js
- Express.js
- REST Architecture
- JWT Auth

### DATABASE & TOOLS

- MongoDB
- Mongoose ORM
- Git / GitHub
- Postman API
- VS Code

### CORE COMPETENCIES

- ✓ Data Structures & Algorithms
- ✓ Scalable System Design
- ✓ Performance Optimization
- ✓ Technical Documentation

## ■ TECHNICAL PROJECTS

### Task Manager System

FULL STACK

Stack: MongoDB, Express, React, Node.js

- Engineered a comprehensive CRUD application implementing **JWT Authentication** for secure user sessions and protected routes.
- Designed a dynamic frontend state management system using **React Hooks** to ensure real-time UI updates without page reloads.
- Optimized backend logic to handle **nested task schemas** in MongoDB, improving data retrieval efficiency.

### Personal Portfolio

FRONTEND

Stack: React.js, Tailwind CSS, Framer Motion

- Deployed a high-performance personal brand website achieving a **98/100 Google Lighthouse** performance score.
- Implemented advanced **CSS Grid** layouts and semantic HTML5 to ensure full accessibility and mobile responsiveness.

## ■ ACTIVITIES & INTERESTS

### ATHLETICS & SPORTS

- Marathon Skating (Certified)
- Competitive Swimming
- Cricket

### ARTS & LITERATURE

- Classical Flute
- Guitar
- Tech Reading