

# Samir Shaikh

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## Profile Summary :

B.Tech (IT) student and aspiring Full Stack Developer with hands-on experience in backend development using Node.js, Express.js, and MySQL. Skilled in building secure REST APIs and real-time apps. Familiar with Agile, Docker, and basic AWS (EC2, S3). Committed to clean code and continuous learning.

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## Projects

### CodeReview.AI (Full-Stack)

AI-driven code review platform delivering real-time feedback on code quality, designed with modular architecture for multi-language support and future AI integration.

- Developed RESTful APIs with Express.js for code submission and AI-based review processing.
- Architected scalable backend services including placeholders for Google Generative AI integration.
- Built dynamic, syntax-highlighted code editor using React, Tailwind CSS, and Prism.js with live updates.
- **Tech:** Node.js, Express.js, React.js, Tailwind CSS, Prism.js

### Two-Factor Authentication System (Full-Stack)

Secure TOTP-based 2FA platform with session management, QR code setup, and comprehensive security features.

- Implemented TOTP 2FA via speakeasy with secure secret generation and QR code integration.
- Used Passport.js with session-based auth and MongoDB for session persistence.
- Enforced security best practices: rate limiting, Helmet.js, bcrypt hashing, input validation.
- Developed responsive React frontend with protected routes using Tailwind CSS.
- Designed modular backend with controllers, middleware, and utility services.
- **Tech:** Node.js, Express.js, MongoDB, React.js, Tailwind CSS, Passport.js, JWT, speakeasy, QRCode

### Google OAuth Authentication System (Full-Stack)

Integrated Google OAuth 2.0 login system with secure session management and responsive UI.

- Built OAuth 2.0 login flow using React frontend and Node.js backend.
- Managed user sessions securely with JWT and MongoDB.
- Designed responsive UI with Tailwind CSS; implemented secure token exchange.
- Applied robust error handling and security best practices.
- **Tech:** Node.js, Express.js, React.js, Tailwind CSS, JWT, MongoDB

## Technical Skills

**Programming Languages:** JavaScript (ES6+), Java

**Frontend:** HTML5, CSS3, React.js, Tailwind CSS, Bootstrap

**Backend:** Node.js, Express.js, REST APIs, JWT, bcrypt, Socket.io

**Databases:** MongoDB, MySQL, Firebase

**Tools:** Git, GitHub, Postman, Docker, AWS (EC2, S3 - basic)

**Concepts:** Security Best Practices, MVC, Middleware, API Design

**Soft Skills:** Fast Learner, Adaptable, Collaborative, Problem Solver

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## Education

### Uka Tarsadia University

*Bachelor of Technology (B.Tech) – Information Technology*

📍 2022 – Present | CGPA: 7.87/10

### Modern English High School, Vapi

*Higher Secondary Certificate (12th Grade), 2022 – 55%*

*Secondary School Certificate (10th Grade), 2020 – 67%*