

AMAN BHATT

Full Stack Developer

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SUMMARY

Full Stack Developer specializing in JavaScript ecosystem with 1+ year of professional experience. Core competencies include **Node.js, React.js, TypeScript, RESTful API development, and database management (SQL/NoSQL)**. Proven track record in building event-driven systems and secure fintech applications.

PROFESSIONAL EXPERIENCE

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| • Associate Software Engineer, Speed - Bitcoin wallet | Jan 2025 - Present |
| • Engineered key features and maintained production-grade full-stack applications using Node.js, React.js, and TypeScript. | |
| • Designed and implemented RESTful APIs for high-traffic wallet and backend services. | |
| • Integrated Kafka for event-driven communication between microservices, improving system decoupling and reliability. | |
| • Designed and optimized MySQL and MongoDB schemas, implementing indexing and query tuning to improve performance. | |
| • Implemented automated SIP (Systematic Investment Plan) feature enabling users to schedule recurring purchases of Bitcoin and gold (XAUT) on daily, weekly, or monthly intervals with customizable USD amounts. | |
| • Debugged and resolved production issues, improving system stability and response times. | |
| • Technical Trainer, Evansh Services | Mar 2022 - Aug 2022 |
| • Delivered web development training (HTML/CSS/JS) to 50+ participants, increasing proficiency by 40% with a 4.8/5 satisfaction score. | |
| • Led the creation of a responsive website for Kutch Physiotherapy Center using ASP.NET and UX/UI principles , achieving 30% faster load times and 95% client satisfaction. | |

PROJECTS

- Smart Attendance System
 - Developed a Smart Attendance System using React.js for a user-friendly interface and Django for efficient backend management.
 - Implemented geolocation-based automated attendance marking for accuracy and ease of use.
 - Streamlined teacher workflows with real-time attendance monitoring and a responsive interface.
 - Provided students with secure access to up-to-date attendance records.
- GTU Innovation Council - website
 - Architected an interactive and secure web portal for the Gujarat Technological University Innovation Council.
 - Utilized Next.js, Node.js, and GraphQL to build the platform.
 - Streamlined processes for startup registration, grant application, and resource management.
 - Fostered campus innovation and supported entrepreneurial ventures through the portal.
- Draw.Pandas - Word Guessing Game
 - Developed a scalable real-time multiplayer word-guessing game using Node.js, Express.js, React.js, MongoDB, Redis, and Socket.IO.
 - Enabled collaborative gameplay in private rooms where players race to guess a drawn object.
 - Leveraged Socket.IO for real-time communication between players.
 - Implemented Redis for efficient session management and data caching.
- DBScan – Database Schema Scanning & ER Diagram Platform
 - Built interactive ER diagram renderer visualizing database schemas with tables, relationships, and constraints (PK, FK, UNIQUE, CHECK).
 - Developed dual schema-creation workflows: JSON-based input for developers and UI-driven visual editor for designers.
 - Integrated AI assistant with schema context to generate accurate, database-aware SQL queries.
 - Normalized schema metadata into unified JSON model supporting multiple input and visualization modes.

SKILLS

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| • HTML & CSS | • Node.js | • MySQL | • C/C++ | • Open Source Contribution |
| • JavaScript (ES6+) | • Express.js | • Redux | • JAVA | • Problem-Solving |
| • React.js | • MongoDB | • GraphQL | • Solidity | • Project Management |

EDUCATION

- Bachelor of Engineering in Computer Engineering

2025

Gujarat Technological University

ADDITIONAL INFORMATION

- **Awards/Activities:** Winner at New India Vibrant Hackathon 2023 SSIP Gujarat.