

# AMAN SHARMA

## FULL STACK DEVELOPER

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### SUMMARY

Full-stack MERN developer and B.Tech Computer Science student with hands-on experience building production-ready web applications using React, Node.js, Express, and MongoDB. Experienced in designing REST APIs, implementing secure authentication, handling geospatial data, and building scalable frontend-backend integrations. Alongside full-stack development, I have a solid foundation in AI/ML concepts including regression, classification, and neural networks, with practical experience training and evaluating models using Python and integrating data-driven intelligence into web applications. A strong problem-solver with a good understanding of system design, databases, and modern JavaScript frameworks, seeking opportunities to build impactful and intelligent software products.

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### WORK EXPERIENCE

#### Web Developer Intern – Ta'seer , Dubai

September, 2025 – November, 2025

- Developed a business-focused full-stack web application with a fully responsive and animated user interface, ensuring consistent performance across devices.
- Implemented API-based form submission workflows to securely transmit user and inquiry data to the business owner, enabling efficient client communication.
- Built and integrated RESTful APIs to handle data processing and backend communication for the platform.
- Contributed to the development of a browser extension to extract, structure, and manage content creator data, supporting collaboration and outreach initiatives.
- Collaborated with stakeholders to align technical implementation with business requirements, ensuring the solution was production-ready and client-usuable.

#### Full Stack Developer Intern – Indux Technology

August, 2025 – September, 2025

- Contributed to multiple client-facing full-stack web applications, focusing on scalable architecture, API design, and backend optimization using Node.js and TypeScript.
- Developed responsive and user-friendly frontend interfaces using modern JavaScript frameworks, ensuring cross-device compatibility and smooth user experience.
- Designed and implemented robust backend services with Node.js, Express.js, and TypeScript, supporting both web and mobile applications.
- Built and integrated secure RESTful APIs, emphasizing efficient database interactions using MongoDB and JWT-based authentication for user management.

#### Software development Intern – Bluestock Fintech Pvt. Ltd.

June, 2025 – July, 2025

- Contributed to full-stack web application development involving web platforms, API creation, and machine learning integration for financial analysis use cases.
- Built a responsive IPO tracking web application using React.js, enabling investors to monitor upcoming and ongoing IPOs with real-time updates.
- Implemented backend services using Node.js and Express.js, integrating real-time IPO data APIs with features such as IPO filtering, subscription status tracking, and company financial overviews.
- Designed and developed secure, scalable RESTful APIs for web and mobile applications using MongoDB with JWT-based authentication for robust data security.
- Contributed to a machine learning-based stock fundamental analysis system, supporting data preprocessing, dashboard integration, and visualization of key metrics such as P/E ratio, ROI .

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## EDUCATION

### Bachelor of Technology (B.Tech) in Computer Science Engineering

- Amity University Jharkhand
- Graduated: August, 2028 expected

## PROJECTS

### 0. goTogether - Student Ride-Sharing Platform, Link - <https://gotogtherv1.vercel.app/>

- Built a full-stack MERN + TypeScript student ride-sharing platform with interactive map-based ride discovery, posting, and booking.
- Implemented geospatial search and shortest-route matching using MongoDB GeoJSON with 2dsphere indexes, MapLibre GL, and OpenStreetMap.
- Integrated real-time routing and distance calculation via OpenRouteService, enabling accurate route visualization and proximity-based ride discovery.
- Designed a complete end-to-end booking lifecycle (pending, confirmed, completed, cancelled) with backend validations and dedicated booking management views.
- Implemented secure JWT-based authentication, protected routes, scalable REST APIs, and a modern responsive UI with smooth user experience.

### 1. GreenAtlas - FRA Decision Support System, Link - <https://fraatlas.vercel.app/>

- Built a MERN-based Decision Support System (DSS) for Forest Rights Act (FRA) implementation, enabling centralized management and analysis of claims across multiple districts and states.
- Implemented role-based access control for Super Admin, State Admin, District Admin, and Public Users with secure authentication and authorization.
- Integrated WebGIS mapping using Leaflet.js to visualize land and forest data, supporting spatial analysis and informed decision-making.
- Developed interactive dashboards with charts and analytics for claims monitoring, fund tracking, and data-driven insights.
- Implemented OCR-based document processing to automatically extract data from uploaded certificates, improving efficiency and accuracy.

### 2. More Projects :-

[ChatIt](#) - Real-Time Chat Application , [GhostMedia](#) - Modern Social Media Platform , [Tshare](#) - Instant Text & Link Sharing Platform , [Rent-It](#) - Rental Management Application and More.

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## SKILLS

- Programming & Scripting Languages: Python, JavaScript (ES6+), C, C++, Java, HTML5, CSS3.
- Web & Backend Frameworks: React.js, Node.js, Express.js, RESTful API development, MVC architecture, full-stack web development, Redis.
- AI/ML : Regression , Classification , Neural Network , ML APIs , Model deployment .
- Databases & Data Management: MongoDB, MySQL, database design, schema modeling, CRUD operations, query optimization.
- Development Tools & Version Control: Git, GitHub, Visual Studio Code (VS Code), debugging, code reviews, collaborative development and Deployment.
- Computer Science Fundamentals: Data structures, algorithms, operating systems fundamentals, hardware-software interaction, system troubleshooting, performance optimization.
- Problem Solving & Engineering Skills: Analytical thinking, logical problem solving, scalable application design, adaptability, rapid learning, end-to-end project execution.