Tanish Nahata

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SUMMARY

Full-stack engineer with experience building modern web applications using React, Next.js, Node.js and MongoDB. Proven ability to design and deliver scalable backend APIs, implement clean, performant UIs, and drive full-stack features from concept to production. Background spans both enterprise and research environments, with a focus on shipping fast, writing maintainable code, and building user-first applications. Actively seeking fast-paced engineering cultures where clean architecture, product thinking, and developer experience are valued.

PROFESSIONAL EXPERIENCE

FedEx Corp

Full Stack Engineer II — *Pittsburgh, PA* · **Dec 2025 - Present**

- Promoted in Dec '25
- Working on ways to enhance the development lifecycle and speed using IDE AI agents like GitHub Copilot to improve processes like documentation and code quality

Full Stack Engineer — *Pittsburgh, PA* · **Jun 2024 - Present**

- Built and deployed production-grade APIs for bulk CSV ingestion in Java Spring Boot, enabling European operations from 25 countries to integrate data into core logistics systems to save 100+ hours of manual input per batch
- Implemented a Redis caching layer that removed static delays and cut backend response latency by 60%, enabling faster frontend interactions and accurate data validation
- Designed a responsive calendar UI in Angular and TypeScript to visualize operation schedules, improving operations visibility in regions across the network

Full Stack Engineer Intern — *Pittsburgh, PA* · **Jun 2023 - Aug 2023**

- Consolidated multiple database queries into a single optimized call, accelerating batch retrieval performance by 3x and reducing response latency from 10s to 3s.
- Developed new REST endpoints and added unit/integration tests to raise code coverage to 95%+, improving service reliability for real-time operations
- Partnered with the operations team to deliver Angular features for real-time scheduling and monitoring, enhancing visibility for facility managers

Space Science and Engineering Center

Student Developer — *Madison, WI* · **Feb 2023 - Jul 2023**

- Migrated legacy web interface to React and implemented Leaflet-based polygon mapping for real-time wildfire visualization, improving data refresh and user interaction speed
- Developed features in React for an alerts dashboard to filter and display wildfire event data for NOAA-funded research, increasing data clarity
- Maintained and extended backend PHP MVC services to supply alert data to frontend components, ensuring seamless data flow and system stability

SELECTED PROJECTS

HybridFit - AI-Powered Hybrid Training Platform | hybridfit.app — **Aug 2025 - Present**

- Creating a full-stack training platform for hybrid athletes with dynamic workout planning, intelligent session logging, and AI-generated coaching feedback.
- Engineering the backend with REST APIs, MongoDB, semantic search (Pinecone), and vector embeddings to personalize workouts based on user history.
- Design responsive frontend features in Next.js using TailwindCSS and Shadcn/ui, featuring onboarding flows, dashboards, and real-time workout information.
- Driving the product's technical vision from architecture and data normalization to AI integration, ensuring scalability, consistency, and a personalized training experience for every user.

SKILLS

- **Languages**: Typescript, Java, Python, JS, R
- **Databases**: MongoDB, Mongoose, SQL, JDBC
- **Frameworks & Libraries**: Node, React, Next.js, TailwindCSS, Shadcn/UI
- **DevOps & Tools**: Jenkins, Gradle, AWS, Git

EDUCATION

University of Wisconsin-Madison — **Sep 2020 - May 2024**

Bachelor of Science, Computer Science and Data Science

- **GPA:** 3.94
- **Achievements:** Dean's List (2020 – Present), Undergraduate Scholar for Summer Study (2021, 2022, 2023)
- **Coursework:** Machine Learning, Operating Systems, Neural Networks, Data Science Programming