Oshnikdeep Tiwari

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Profile Summary

- Full-stack developer with a strong background in the MERN stack, specializing in creating intuitive and responsive web applications that enhance user engagement and experience.
- Experienced in API integration, performance optimization, and managing backend services to ensure seamless and efficient functionality across platforms.
- Proficient in problem-solving, with a proven ability to tackle complex technical challenges, deliver innovative solutions, and continuously improve application performance and user satisfaction.

Education

University of Mumbai **Expected Graduation: Jun 2026**
Bachelor of Engineering, Computer Science Engineering **CGPA:9.1**

Technical Skills

- **Languages:** Java, C, Python, JavaScript, HTML, CSS, SQL
- **Developer Tools:** VS Code, IntelliJ IDEA, Postman, Firebase, Git
- **Technologies/Frameworks:** React, Node.js, Express.js, MongoDB, MySQL, GitHub, Tailwind CSS, Next.js

Projects

SmartWealth Tracker | *Next.js , Tailwind CSS , Prisma , Supabase , Inngest , Gemini model , Clerk*
View Website | GitHub Repository **Jan 2025**
- **Automated Tracking**: Implemented a system that scanned and uploaded 500+ bills monthly, cutting manual entry by 60%.
- **Budget Alerts:** Set budgets and receive alerts when expenses exceed 80%, helping users stay within their financial limits.
- **Recurring Transactions**: Managed 200+ automatic entries per user monthly, achieving a 95% satisfaction rate.
- **Financial Reports**: Receive monthly budget reports via email for better financial decision-making and management.

GreenMines – Sustainable Mines | *React.js , Nodejs , MongoDB , Tailwind CSS, Machine Learning (ML)*
Youtube Video | View Website | GitHub Repository **Nov-Dec 2024**
- **Carbon Footprint Calculation**: Calculated the carbon footprint for 50+ mining operations, aiding in environmental impact assessment and sustainability efforts.
- **Carbon Sequestration Insights:** Estimates carbon sequestration through carbon sinks, offering pathways to carbon neutrality.
- **Emission & Gap Analysis**: Provides emission estimation and identifies gaps, recommending improvements for sustainable practices.
- **AI Chatbot & Predictions:** Deployed an AI chatbot handling 1,000+ queries monthly, and predicted future carbon trends with 90% accuracy based on historical data.

FitSocial | *React.js , Nodejs , MongoDB , Tailwind CSS, Expressjs*
GitHub Repository **Oct 2024**
- **Personalized Dashboard & Chatbot**: Offers a customized dashboard and an AI-powered chatbot for personalized fitness guidance.
- **Workout & Diet Plan Generators**: Features automated workout and diet plan generators tailored to individual goals.
- **Social & Music Functionality**: Users can follow others, post progress, and access music playlists for enhanced workout experiences.
- **Progress Tracking & Reports**: Tracks fitness progress and provides comprehensive reports on workouts, diet, and social engagement.

Achievements

- **Finalist, Smart India Hackathon 2024**: Nominated for creating innovative tech solutions to global challenges.
- **NASA Space Apps Challenge 2024**: Nominated for creating innovative tech solutions to global challenges.
- **LeetCode Achievements:** Solved 150+ DSA problems, earning multiple badges for consistency and proficiency.
- **Letter of Recommendation**, Prodigy Infotech: Recognized for excellence in full-stack development.