Khushi Pandey

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PROFESSIONAL SUMMARY

Aspiring Software Engineer with a strong foundation in MERN stack and full-stack technologies. Skilled in solving complex problems and building user-focused solutions with Java and Python. Eager to contribute to impactful software development.

PROJECTS

DataMate (Next.js, Tailwind CSS, Appwrite, Twilio)   **Dec 2024 - Present**
- Developed a scalable data management application using **Next.js**, reducing load time by **40%** and supporting file uploads up to **2GB**.
- Designed and implemented **10+ responsive layouts** with **Tailwind CSS**, ensuring seamless functionality across devices.
- Configured Appwrite backend for secure database management, file storage, and handling **100+ user sessions** with **Twilio OTP-based sign-up and login.**
- Built and integrated **5+ custom API endpoints** for efficient data manipulation and external API integration.
- Conducted rigorous testing and optimization, ensuring **99.9%** uptime and robust cross-browser compatibility.

MedCare (Next.js, Tailwind CSS, Appwrite, Sentry, Twilio) 🔗 | 🎧   **Dec 2024 – Dec 2024**
- Developed a fully responsive healthcare platform using **Next.js** and **Tailwind CSS**, accessible across all devices.
- Integrated **Twilio** for real-time notifications on appointment confirmations and cancellations.
- Leveraged **Appwrite** for secure data management and **Sentry** for real-time error monitoring.
- Designed features for patients to book appointments and admins/doctors to manage schedules, handling **1,000+ daily appointments** efficiently.
- Optimized navigation and form submissions, ensuring fast and seamless user experiences.

FigPro (Next.js, Sentry, Liveblocks, Tailwind CSS) 🔗 | 🎧   **Dec 2024 - Present**
- Built a collaborative design tool using **Next.js** and **Liveblocks**, enabling real-time multi-user editing with **zero latency**.
- Designed a fully responsive interface with **Tailwind CSS**, featuring real-time design previews.
- Integrated **Sentry** for efficient error tracking and seamless bug resolution.
- Optimized rendering performance, ensuring smooth collaboration and fast update.
- Enhanced user experience by supporting simultaneous editing and styling of components.

FoodieCapital (React.js, CSS) 🔗 | 🎧   **Nov 2024 – Dec 2024**
- Developed a restaurant-focused web application using **React.js** with an immersive **UI/UX** design.
- Implemented an interactive menu, detailed restaurant info, and seamless user navigation.
- Achieved a **fully responsive design** with page load times under **2 seconds**.
- Optimized for mobile devices and dynamic content rendering to enhance user experience.

SnapeShare (MongoDB, React.js, Node.js, Express.js, Cloudinary, JWT Auth) 🔗 | 🎧   **Sep 2024 - Present**
- Designed a desktop social media platform using **MongoDB**, **React.js**, **Node.js**, and **Express.js**, enabling users to upload posts, like, comment, bookmark, and edit profiles.
- Integrated **Cloudinary** for seamless image uploads and **JWT-based authentication** for secure user access.
- Implemented real-time chat for user connections, enhancing interactivity and engagement.
- Optimized the platform to handle **500+ concurrent users** with fast data rendering and robust performance.
- Utilized **MongoDB** for efficient database management and **Express.js** for high-performance server-side processing.

ChatterGig (MongoDB, React.js, Node.js, Express.js) 🔗 | 🎧   **Aug 2024 – Sep 2024**
- Developed a real-time chat application using **MongoDB**, **React.js**, **Node.js**, and **Express.js**, enabling instant messaging and user account creation.
- Implemented **WebSocket** for low-latency message delivery and real-time updates.
- Designed an intuitive and modern chat interface optimized for seamless user experience.
- Engineered the system to handle **500+ active users simultaneously** with smooth message synchronization.

SKILLS

Programming Languages: C++, Java, Python, HTML/CSS, JavaScript, Linux, TypeScript
Libraries/Frameworks/Cloud tools: Node.js, Express.js, React.js, Next.js, Docker, Git, Postman, Eclipse, Appwrite, AWS

Databases: MySQL, MongoDB
Technical Skills: Data Structures and Algorithms

EDUCATION

LN College

Bachelor of Science, Information Technology   **July 2022 - May 2025(Exp)**
- Achievements: CGPA: 9.5
- Courses: OS, Data Structures & Algorithm, AI, Enterprise Java, Computer Networks, Software Engineering

I-Tech Computer Education

Software Engineering Course   **June 2022 - April 2024**
- Achievements: O/A+
- Courses: Java, C/C++, Web Programming, Advance Java, C#

EXPERIENCE

JPMorgan Chase & Co. – Phase One Virtual Software Engineering Internship   **Sep 2024 - Sep 2024**
- Developed Python scripts to analyze stock market data, utilizing libraries like Pandas and Matplotlib for data manipulation and visualization.
- Gained hands-on experience in financial analysis, focusing on stock and share data processing and market trend analysis.

ACHIEVEMENTS

LeetCode Problem Solving
- Solved 290+ problems and achieved 700+ submissions focusing on DSA concepts.

HackerRank Problem Solving
- Solved 100+ problems, earning badges in Java, Python, and SQL.

CERTIFICATIONS

Diploma in Web Programming: I-Tech, Jan 2024
JavaScript: HackerRank, Jul 2024
C/C++ Programming: I-Tech, Aug 2023