Atharv Gaur

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Skills

Languages: C/C++, Python, JavaScript, TypeScript

Technologies & Tools: HTML5, CSS3, React.js, Next.js, Tailwind CSS, Node.js, Express.js, MongoDB, RESTful APIs, Git/GitHub, Vercel, Netlify

Work Experience

MSIT (Maharaja Surajmal Institute of Technology) — October 2024 - Present

Geek Room

- Designed and optimized responsive web platforms leveraging a modern JavaScript stack: Implemented React.js, Next.js, HTML, CSS, and JavaScript to develop and refine user-friendly web experiences, ensuring cross-device compatibility and optimal performance.
- Designed and implemented a visually appealing user interface using Shadcn components, resulting in over 300 positive user feedbacks on usability surveys and enhancing overall satisfaction with the web platform's performance.
- Built an efficient NPM package that integrated AI features for task automation, leading to a significant reduction in onboarding time for new developers, now averaging just 3 days compared to the previous 7-day process.

Project Work

Anonymous Messaging Platform — Technologies: NextJS, Resend, ShadCN, GeminiAI

RandomEcho

- Intelligent Message Suggestions: Integrated Gemini AI to provide context-aware message suggestions, streamlining communication.
- Robust Data Security: Implemented Zod schema validation to ensure data integrity and prevent vulnerabilities.
- Secure Authentication: Integrated NextAuth for seamless and secure user authentication.
- Created a polished and intuitive UI using the Shadcn component library.
- Secure Email Handling: Leveraged Resend for secure email verification and code delivery, enhancing user onboarding and security.

User-Generated Prompt Platform — Technologies: NextJS, MongoDB, NextAuth

PrompTamper

- Seamless Prompt Creation and Sharing: Intuitive interface for creating, categorizing, and sharing prompts.
- Secure User Authentication: Bolstered security with NextAuth for secure and user-friendly login.
- Responsive and Appealing UI: Built with Tailwind CSS for optimal user experience across devices.

Full-stack social media platform — Technologies: NextJS, Clerk, MongoDB, ShadCN, Typescript

Threads

- Real-time Post Creation and Interaction: Enables users to create, share, and engage with posts in real time.
- Seamless Authentication: Integrated Clerk, delivering a seamless and secure authentication experience.
- Spearheaded an intuitive UI with ShadCN and Tailwind CSS to ensure optimal accessibility; contributed to feedback loops identifying three primary design flaws leading to improved customer satisfaction ratings.
- Efficient Data Management: Utilized MongoDB for efficient data storage and retrieval.
- Type Safety: Implemented TypeScript for enhanced code maintainability and robustness.

Education

Guru Gobind Singh Indraprastha University — Aug 2023 - Jun 2027

B.E. in Electronics and Communication Engineering — *CGPA: 8.54/10*

Relevant Coursework: Signal and System, Databases, Discrete Maths, Data Structures and Algorithms, Analog Communication, Analog Electronics, Probability and Statistics

Awards and Certificates

- **Hacktoberfest Contributor:** Successfully contributed to 10+ open-source projects by merging Pull Requests (PRs) during the Hacktoberfest challenge.
- **HackIndia Web3 Hackathon:** Finished among the top 30 teams in the Web3 Hackathon organized by HackIndia.