

PROFESSIONAL SUMMARY

Creative and performance-driven Frontend Engineer with 3+ years of experience building fast, scalable web applications using React, Next.js, TypeScript, and Tailwind CSS. Experienced in integrating AI-powered features, developing real-time communication interfaces, and delivering polished UI/UX for modern web experiences. I bring a strong foundation in frontend architecture and UX design, having delivered production-ready apps in academic, freelance, and collaborative settings. Passionate about building intuitive, interactive interfaces and thriving in fast-paced, innovation-first environments.

SKILLS

Frontend/Web Development

Next.js, React.js, Node.js, Tailwind CSS, HTML, CSS, JavaScript, TypeScript, Python, Django, Design Libraries, MongoDB, Expo, SQL, Flutter, Git, GitHub, RESTful APIs, GraphQL, Motion, GSAP, Docker, Cypress, Jest, PHP

Developer Practices

Agile Methodology, Scrum, Kanban, Test-Driven Development, Code Reviews, CI/CD workflows

UX & UI Design

Sketching & Wireframing, Prototyping, User Research, Personas & Journey Mapping, Responsive Design Principles, Design Systems & Tokenization, Logo Designing, Typography, Adobe Suite, Framer, Rive (micro-interactions)

AI & Developer Tools

Experienced with AI-enhanced dev workflows using tools like Cursor AI, GitHub Copilot, and ChatGPT for code generation, refactoring, and debugging. Familiar with AI prompt design, workflow automation, and leveraging LLMs for product and UX ideation.

WORK EXPERIENCE

Graduate Level Grader - Full Stack Web Dev, *Purdue University*

Sep 2024 - May 2025 | Fort Wayne, IN, USA

- Worked with HTML, CSS, SASS, React.js, Next.js, Tailwind CSS, and backend technologies like Django, MongoDB and Supabase.
- Gained experience identifying bugs, logical errors, and inefficient code in student submissions across full stack technologies such as Next.js, React, MongoDB, and Express.
- Developed a deeper understanding of efficient full stack architectures, including API communication, component-based development, and database integration.
- Reviewed students' use of Git and GitHub for code collaboration and version control.

Software Developer, *GlobeMinded*

Sep 2022 - Jul 2023 | India

- Gained hands-on experience with Flutter, Python, Django, PHP, HTML, CSS frameworks, JavaScript, and MySQL.
- Trained in all key phases of the software development lifecycle, including planning, development, testing, and deployment.
- Worked effectively in collaborative team environments, contributing to shared codebases.
- Developed a strong understanding of Git and its functionalities, including branching, merging, and conflict resolution for version control.

Web Development Intern, *XenonNation - Ladder Corp.*

Jul 2019 - Jan 2020 | India

- Built a strong foundation in core web development skills, including HTML, CSS, JavaScript, responsive design, and version control.
- Collaborated closely with a company client to design and redesign their website during the internship, gaining real-world experience in client communication and iterative design.
- Applied principles of user-centric design to improve website structure and visuals based on client feedback.

EDUCATION

Masters in Computer Science, *Purdue University*

Aug 2023 - May 2025 | Fort Wayne, IN

Notable courses

User Experience Independent Study, Low code/No code Rapid Prototyping, Full-Stack Development, Game Design Core Skills, Machine Learning, Software Engineering, Natural Language Processing, Database Systems

Post Graduate Diploma in Computer Applications, *Devi Ahilya University*

Jun 2021- Aug 2022 | India

Top of the class, Selected for leading term project

## RECENT PROJECTS

### Momentum – Productivity & Analytics App, *Purdue University*

*University Project, Database Systems*

Built a productivity tracker that combined task management, focus sessions, and data analytics to help users stay organized and optimize their workflow. Developed using Next.js, Tailwind CSS, and Supabase, the application featured a comprehensive dashboard that provided an intuitive overview of daily tasks, completed activities, and productivity trends. Included a custom-designed OLAP (Online Analytical Processing) module to deliver actionable insights and personalized analytics for enhanced productivity.

### Weekwise – To-do App, *Purdue University*

*Ongoing Project for Academic Use, Full Stack Web Development*

WeekWise is a full-stack weekly planner app designed to help users organize tasks across each day of the week with a clean, intuitive interface. Built using Next.js, Tailwind CSS, and Supabase, the project focused on implementing modern UI patterns, reusable components, and smooth weekly view transitions. It also served as a personal learning initiative to reinforce frontend and full-stack development best practices, with clear documentation to support scalability and future enhancements.

### Habitat - Apartment Management App, *Purdue University*

*University Project, UX Independent Study*

Designed a mobile-first apartment management app focused on improving the experience for both U.S. residents and property managers. Worked on the entire UX workflow — from creating user personas and defining key user flows to wireframing and prototyping. Used Figma to design low- and high-fidelity screens for key features like rent payment, maintenance requests, and profile management. Built a cohesive design system with structured color palettes, typography scales, and reusable components, and documented a style guide for consistency. This solo project helped strengthen my understanding of UX principles, design systems, and user-centered design.

### NoteCanvas, *Purdue University*

*University Project, Web Development*

Developed a note-taking app using React and Material UI for the front end, and Django for the back end. The app allows users to create accounts, set up different canvas spaces, and create draggable and resizable sticky notes. It supports a flexible, interactive interface designed for brainstorming, planning, and visual organization of ideas.