

ADITI ARUN NADIG

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WORK EXPERIENCE

LPS Health | Frontend & Workflow Lead | Internship | Chicago, IL, USA

May 2025 – Aug 2025

- Rebuilt and redesigned the website using **React**, **Astro**, and **Tailwind CSS**, improving **load time by 70%** and improving the **accessibility score from 40% to 80%** on Lighthouse.
- Engineered **responsive**, mobile-first layouts and reusable UI components, ensuring smooth performance across **phones, tablets, and desktops**.
- Optimized site performance and visibility using **Lighthouse**, **Google Analytics**, and **SEO best practices**, while supporting **Google Ads integration**.
- Versioned and deployed updates using **GitHub** and **Netlify**, enabling **rapid iteration** with minimal downtime.
- Collaborated cross-functionally to maintain consistent UX and ensure accessibility, clarity, and responsiveness across all pages.
- Contributed to **newsletter/blog** strategy, **backlink** outreach, and **landing page** integrations (e.g., Zeffy form + payment).
- Integrated **Stripe Checkout** for donation processing, enabling secure payments and improving conversion workflow.

Aug 2022 – June 2024

Oracle India Pvt Ltd | Cloud Analyst | Bengaluru, Karnataka, India

- Worked on the frontend for Oracle's internal BHE Services dashboard using Visual Builder Studio (VBS), a low-code tool based on **HTML**, **JavaScript**, and **CSS**. Built Redwood-style UI components used across service monitoring tools.
- Created **reusable UI modules** and connected them to backend services using **REST APIs**. Helped reduce development time by 30% and improved how fast data was shown.
- Found and fixed over **100 bugs** before product release using **JIRA** reports and automated test results. This helped reduce post-release bugs by 40%.
- Worked in **Agile sprints** with backend developers and product managers to deliver features on time for Oracle cloud applications.
- Handpicked to support the BHE-HCM team while also working on BHE Services, due to strong VBS (frontend) knowledge. Helped build **key UI features** and completed tasks under tight timelines.
- Received Oracle's "**Employee Recognition Award**" for contributing to the BHE-HCM project while balancing work across multiple teams.

Softora Technologies | Software Developer Intern (Full Stack) | Bengaluru, Karnataka, India

Aug 2021 – Sept 2021

- Built and improved key features like dashboards and forms for the company's internal portal using **JavaScript** on the frontend and **Node.js with Express** on the backend. Created and connected **REST APIs** to support new features.
- Helped redesign the homepage using **Figma** and implemented the new layout. Worked closely with two other interns and tested the changes internally.

EDUCATION

University of Illinois at Chicago | Master's in Computer Science, Chicago, IL, USA

Aug 2024 – May 2026

Software Engineering, Secure Web App Development, UI Designing, UX Research Methods, Distributed Systems

3.95 GPA

BNM Institute of Education | Bachelor's in Computer Science, Bengaluru, India

Aug 2018 – July 2022

OOPS, DBMS, Computer Architecture, Computer Organization, Data Structures and Algorithms

3.71 GPA

PROJECTS

Full-Stack Luggage Booking Web App (React, Supabase, Stripe, Tailwind CSS) | EOne Enterprise

May 2025 – present

- Designed and developed a responsive full-stack web application enabling users to schedule luggage pickups and deliveries with real-time address selection using the **Google Maps Places API**.
- Built secure backend integrations with **Supabase** for user authentication, session tracking, and order data persistence.
- Implemented **dynamic price calculation logic** based on total luggage weight and delivery schedule, with real-time error handling and field validation.
- Integrated **Stripe Checkout** for secure payments, dynamically passing order payloads including total charges and metadata.
- Currently preparing for **production deployment** (ETA within 1–2 weeks), leading final testing, polish, and deployment planning.

Distributed Object Store with Integrity (Python) | University of Illinois at Chicago

Jan 2025 – May 2025

- Built a **distributed object store** using 3 **Docker containers**. Used **Reed-Solomon erasure coding** to add redundancy and recover data if a node fails.
- Used **SHA-256** hashing to check file integrity during upload and download, helping detect any changes or tampering.
- Set up and managed **Docker** containers to test how the system handles failures and to simulate a **fault-tolerant setup** locally.

HabiTrack (React, Firebase, MUI) | University of Illinois at Chicago

Aug 2024 – Dec 2024

- Designed an **interactive habit loop** diagram (trigger–action–reward) and **personalized dashboards**.
- Conducted 3 **user studies** with 12+ participants to guide feature development and UI improvements.
- Added badges, milestone animations, and reminders; applied **Fogg's Behavior Model**. Achieved 85% weekly retention in testing.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, C/C++, SQL, HTML/CSS

Frameworks & Libraries: React, Astro, Tailwind CSS, SCSS, Express.js, Flask, REST APIs, GraphQL, Socket.IO, Jest, Framer Motion

Databases & BaaS: PostgreSQL, MongoDB, MySQL, Firebase (Firestore), Sequelize

DevOps & Cloud: AWS (EC2, S3, ECS), Docker, Kubernetes, CI/CD, Redis, K6, Vite

Tools & Platforms: Git, Jira, Figma, Oracle VBS/VBCS, Adobe Suite, Netlify, GitHub Actions, Postman, Notion

Core Concepts: UI/UX Design, Distributed Systems, Agile/Scrum, Responsive Design, User Testing, Design Thinking

Security: SHA-256, HTTPS, JWT Auth, OAuth2/OpenID Connect, Helmet.js, Rate-limiting/Input Sanitization, RBAC