

ADITI ARUN NADIG

+1 464-244-8440 | aditiarunnadig@gmail.com | [LinkedIn](#) | [Github](#) | [Portfolio](#)

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 **4.00 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**
Been awarded with the titles – “Best Outgoing Student” and “Cultural Ambassador”

WORK EXPERIENCE

- Oracle | Cloud Analyst**, Bengaluru, Karnataka, India *Aug 2022 – June 2024*
- Data Structures and Algorithms:** Implemented and optimized algorithms for improved application performance and scalability, contributing to high-quality solutions in an enterprise environment.
 - Collaboration in Agile Environment:** Worked within agile teams to iterate on development cycles, collaborating across functions to ensure timely solutions.
 - Collaborative UI Lifecycle Management:** Led UI feature updates from ideation to validation, actively engaging with cross-functional teams to meet evolving client needs and ensure alignment with Oracle's design standards.
 - Design Consistency:** Applied consistent branding and UI principles to custom client solutions, creating a cohesive user experience that aligned with Oracle's visual identity.
 - Data-Driven Problem Solving:** Analyzed user data and implemented solutions based on insights to resolve nearly 100 product issues, increasing system stability and user satisfaction.
 - Code Quality and Version Control:** Employed version control practices with Git, ensuring consistent code quality and maintaining deployment efficiency across multiple projects.
 - Comprehensive Bug Resolution:** Identified and resolved nearly 100 bugs during the testing phase of Oracle Redwood Sales and Services modules, significantly enhancing product stability and reducing post-deployment issues by 40%.
 - Award-Winning Impact:** Received the “Employee Recognition Award” for outstanding contributions to the HCM team by leading cross-functional support and driving project success.
- Softora Technologies | SDE Intern**, Bengaluru, Karnataka, India *Aug 2021 – Sept 2021*
- Web Design & UI Improvements:** Applied web design principles to enhance the company's website, resulting in a 15% increase in user engagement. Used Figma to prototype new layouts and gather team feedback.
 - Team Collaboration:** Collaborated effectively with a team of interns to streamline project workflows, resulting in early project completion.
 - Project Solutions:** Developed creative solutions for team challenges, improving task completion efficiency by 25%.

TECHNICAL SKILLS

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| Programming and Development | Python, Java, JavaScript, Typescript, HTML5, SCSS, CSS, ExpressJS, React, Astro, SQL, C, C++, Shell script, Flask Spring Boot, REST APIs, Git, Apollo GraphQL, Socket.io |
| Cloud and DevOps | AWS (EC2, S3, DMS, ECS), Docker, CI/CD, K6 (Load Testing), Redis Cache |
| Databases, Tools and Platforms | PostgreSQL, MongoDB, MySQL, SQLite, Sequelize, Google Firebase, Firestore, Oracle - Redwood, VBS, VBCS, DCS, Fusion, Figma, Adobe Suite |
| Concepts | UI/UX Design and Development, Wireframing and Prototyping, Distributed Systems and Architecture, Debugging, User Testing, Survey Design, Qualitative and Quantitative Analysis, Data Synthesis, Information Architecture, Personas, User Research, Design Thinking |

ACADEMIC PROJECTS

- HabiTrack | University of Illinois at Chicago** *Aug 2024 – Dec 2024*
- User-Centered Design:** Developed a user-friendly habit-tracking app with data visualization, interactive reminders, and progress tracking using React. Used Figma for prototyping, incorporating user feedback to refine the interface, leading to a 30% boost in daily active users.
 - User Research & Feedback Integration:** Conducted user research through surveys and interviews, gathering insights on habit-tracking behaviors to refine app features and increase daily active users by 30%.
 - Data Synthesis & Visualization:** Developed data-driven visualizations for user habits, enabling users to track progress effectively and providing actionable insights for long-term engagement.
- Sweet Home Finder | University of Illinois at Chicago** *Aug 2024 – Dec 2024*
- Direct User Engagement:** Facilitated pet adoption inquiries with real-time chat features, achieving a 25% increase in user satisfaction scores.
 - Recommendation Algorithms:** Collaborated on integrating pet recommendation algorithms, improving adoption matching accuracy.
 - Deployment Leadership:** Led end-to-end deployment, ensuring 99.9% application uptime and enhancing user experience.
- MediCARE App for Parkinson's Disease Detection | BNM Institute of Technology** *August 2021 – June 2022*
- Innovative Machine Learning:** Spearheaded the development of an app using CNN and SVM algorithms for Parkinson's detection with 91.3% accuracy in voice analysis and 84.67% in handwriting analysis.
 - Award-Winning Presentation:** Presented at the International Conference on Engineering Innovations, winning the “Best Project Presentation Award.”
 - Impactful Research:** Published findings, emphasizing the app's potential for early Parkinson's detection, received high recognition from industry experts.