

ADITI ARUN NADIG

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EDUCATION

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

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

Aug 2024 – May 2026

4.00 GPA

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

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

Aug 2018 – July 2022

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

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

Aug 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.