Nikhila Podila

nikhilapodila.com | linkedin://nikhilapodila | nikhila.chaudary@gmail.com | New Jersey, USA

Detail-oriented UI Developer with over 5+ years of experience delivering responsive and accessible web applications using HTML5, CSS3 (Grid, Flexbox), JavaScript, and Angular. Adept at translating Figma designs into pixel-perfect interfaces, building reusable UI components from scratch without relying on external libraries like Bootstrap or Tailwind. Proven success collaborating with cross-functional teams in Agile environments, integrating UI with backend services and APIs, and optimizing enterprise-grade UIs for performance and accessibility.

EXPERIENCE

Cubespace Technologies
Front-End Developer
04/2021 – 08/2023
Bangalore, India

- Took ownership of UI components across major modules, ensuring consistency in layout, interaction, and accessibility compliance (WCAG standards).
- Developed and maintained responsive front-end interfaces using HTML5, CSS3 (Grid, Flexbox), and Angular, with zero reliance on Bootstrap or Tailwind.
- Converted complex Figma prototypes into semantic, scalable UI components and ensured technical feasibility of UI implementations.
- Refactored legacy UI components, reducing load time by 35% and improving maintainability.
- Collaborated with designers, product managers, and backend engineers to integrate UI logic with APIs and backend services.
- Contributed to an internal design system by developing reusable components and UI patterns aligned with branding standards.
- Managed UI repositories via Git and deployed builds through Azure DevOps pipelines.

Cubespace Technologies
Full Stack Developer (.NET & Front-End Focus)
11/2018 – 04/2020
Bangalore, India

- Developed responsive, user-friendly web applications using .NET Core, C#, AngularJS, and JavaScript.
- Created modern UI interfaces using custom HTML5/CSS3, emphasizing accessibility and cross-device compatibility.
- Designed and optimized SQL Server stored procedures, views, and indexing strategies to support dynamic frontend content.
- Built RESTful APIs and integrated front-end modules with secure authentication flows using OAuth 2.0 and JWT.
- Used Entity Framework and LINQ for efficient data access and CRUD operations.
- Participated in Agile sprints and UI/UX planning meetings, contributing significantly to feature scoping and implementation.
- Supported the migration of legacy front-end codebases into Angular-based SPAs with improved performance and maintainability.

COURSEWORK & PROJECTS

Sacred Heart University
Capstone: Real-Time Stock Market Prediction Dashboard
10/2024 – 12/2024
Connecticut, USA

- Developed responsive, user-friendly web applications using .NET Core, C#, AngularJS, and JavaScript.
- Created modern UI interfaces using custom HTML5/CSS3, emphasizing accessibility and cross-device compatibility.
- Designed and optimized SQL Server stored procedures, views, and indexing strategies to support dynamic frontend content.
- Built RESTful APIs and integrated front-end modules with secure authentication flows using OAuth 2.0 and JWT.
- Used Entity Framework and LINQ for efficient data access and CRUD operations.

- Participated in Agile sprints and UI/UX planning meetings, contributing significantly to feature scoping and implementation.
- Supported the migration of legacy front-end codebases into Angular-based SPAs with improved performance and maintainability.

Sacred Heart University   07/2024 – 09/2024
Capstone: Personal Finance Tracker for Indian Students in the USA   Connecticut, USA
- Created a web app using Flask and PostgreSQL to help international students track income, expenses, and savings in INR and USD.
- Built secure user authentication and role-based access with Flask-Login, supporting multi-user functionality.
- Integrated a real-time currency conversion API for accurate dual-currency financial summaries and calculations.
- Designed insightful dashboards with Chart.js to visualize monthly budgets, trends, and spending patterns.
- Added budget threshold alerts, recurring payment tracking, and category-wise insights.
- Optimized UI with Bootstrap-free custom components and accessibility support, including ARIA roles and mobile-first design.
- Implemented transaction filtering and date-based summaries to help users identify overspending patterns and improve budgeting decisions.
- Deployed the application on a cloud platform (e.g., Heroku/Azure), enabling easy access for real users and demonstrating production-ready deployment skills.

Sacred Heart University   12/2023 – 02/2024
Capstone: AI-Powered Art Generator Web App   Connecticut, USA
- Developed a full-stack application using Python and the DALL·E API to generate AI-driven artwork from user prompts.
- Designed a responsive frontend with React and styled components for an interactive and visually engaging user interface.
- Integrated PostgreSQL to store user queries, generated images, and download history with efficient data retrieval.
- Implemented asynchronous rendering, loading indicators, and error fallback mechanisms for smooth UX.
- Added features such as image gallery, download option, and prompt history tracking to enhance user engagement.
- Ensured accessibility with automated alt-text, keyboard navigation, and responsive layout for all devices.

SKILLS

- **Tools**: Figma, Sketch, Adobe XD, Invision, Balsamiq, Webflow, Framer, Principle, Miro, Optimal Workshop, UsabilityHub, UserTesting, Photoshop, After Effects, Adobe Creative Suite
- **Design Skills:** Product Design, Motion Design, Interaction Design, Visual Design, User Personas, Journey Mapping, User Research, Usability Testing, A/B Testing, Wireframing, Prototyping, Design Systems & Sprints
- **Technical Skills**: HTML, CSS, JavaScript, TypeScript, C#, SQL, Gestalt Principles, Typography, Color Theory, Iconography, Ideation Techniques, Identity Design, Empathy Mapping, Affinity Diagrams, Usability Heuristics

EDUCATION

Sacred Heart University, Fairfield, Connecticut   09/2023 - 12/2024
M.S in Computer and Information Sciences

Google UX Design   09/2024
Professional Certificate

AWARDS & RECOGNITION:
- Graduated with Honors – Sacred Heart University (GPA: 3.91)
- Best Capstone Project Award – Sacred Heart University (2024)
- Top 10% Performer – Cubespace Technologies
- Certificate of Excellence – Leading frontend project delivery
- Outstanding Mentor Recognition – UI development coaching