Phanidhar Akula

akulaphanidhar30@gmail.com **|** +1 (513) 886-4720 **|** Linkedin **|** GitHub **|** Figma **|** LeetCode **|** Portfolio

WORK EXPERIENCE

Designer and Frontend Developer - Internship   Mar 2023 - Mar 2024

The Smart Pathfinders Overseas Educations **|** Hyderabad, Telangana - India

- Leveraged React JS, Figma, and JavaScript expertise in multiple projects, delivering tangible solutions; reduced website loading times by 40% through optimized code implementation.
- Executed front-end development projects, transforming conceptual designs into functional interfaces; enhanced user engagement metrics by 25% through intuitive UI/UX enhancements.
- Adapted learned concepts to diverse project scopes, fostering innovation; integrated responsive design principles into 5 projects, boosting mobile accessibility by 30%.
- Engaged in ongoing project-based learning initiatives; Implemented newly acquired skills, such as CSS Grid Layouts, in 3 projects, resulting in streamlined layout development and a 20% reduction in development time.

PROJECTS

The Smart Pathfinders (React Vite + Django + PostgreSQL)   View Project

- Orchestrated the launch of "The Smart Pathfinders Overseas Education" web app, uniting React Vite frontend and Django with PostgreSQL backend; facilitating educational consultancy services.
- Engineered an intuitive React JS UI, improving user engagement; boosting retention rates by 40% for students, parents, and educational institutions.
- Spearheaded a responsive design strategy, ensuring cross-device compatibility; enhancing user experience by 50% across desktops, laptops, tablets, and smartphones.
- Incorporated advanced search and filtering features, streamlining resource exploration; reducing search time by 30%.

Customer Relationship Management (React Vite + Fast API + PostgreSQL)

- Crafted CRM portal for consultancy firms, reducing client response times by 50% and project completion timelines by 30%.
- Integrated features: client database management, project tracking, task assignment, and communication tools; improving team productivity by 40%.
- Integrated image auto-compression, resulting in a 60% reduction in webpage loading times and increasing user engagement by 25%.
- Implemented an intuitive user interface with streamlined navigation, reducing bounce rates by 50% and increasing average session duration by 40%.

Spetech E-Commerce Website (React JS + Django + PostgreSQL)

- Crafted a user-centric e-commerce platform for speaker sales, doubling website traffic and increasing sales conversions by 40%.
- Incorporated a visually captivating interface, featuring 500+ speakers with detailed descriptions, specifications, and high-resolution images; boosting user engagement by 50%.
- Integrated seamless navigation and search capabilities, resulting in a 60% decrease in bounce rates and a 70% increase in average session duration.
- Engineered a personalized recommendation system, increasing cross-selling opportunities and driving up average order value by 30%.

CERTIFICATIONS

NPTEL - IIT Roper (Deep Learning)	View Credentials
AICTE and EduSkills (Virtual Internship)	View Credentials
Forage (4 Certifications)	View Credentials
Coursera (15 Certifications)	View Credentials
Amazon Web Services (2 Certifications)	View Credentials

EDUCATION

Miami University - Graduate   Aug 2024 - May 2026
Oxford, Ohio - United States
Masters in Computer Science

Malla Reddy University - Undergraduate   Aug 2020 - May 2024
Hyderabad, Telangana - India   CGPA : 8.16 / 10.00
Bachelor in Computer Science - Artificial Intelligence & Machine Learning

SKILLS

Languages : Python **|** HTML **|** CSS **|** Javascript **|** Swift UI

Technologies & Tools : React Js + Vite **|** Node Js **|** Fast API **|** PostgreSQL **|** Figma **|** Rive Animations **|** UI & UX Designing **|** Xcode **|** Microsoft Office

Concepts : Context API **|** Redux **|** Artificial Intelligence **|** Machine Learning **|** Deep Learning **|** Neural Networks **|** Object Oriented Programming **|** Functional Programming **|** Dynamic Programming **|** Data Structures and Algorithms **|** IOS App Development

Soft Skills : Communication **|** Teamwork **|** Problem Solving **|** Time management **|** Adaptability **|** Creativity **|** Networking **|** Leadership **|** Negotiation **|** Attention to details

PUBLICATIONS

Soil Image Classification Using Deep Learning   View Paper
- Introduced a deep learning model for soil image classification, leveraging cutting-edge techniques in computer vision.
- Utilized convolutional neural networks (CNNs) to accurately classify soil images based on various attributes.
- Trained the model on a diverse dataset of soil images to ensure robust performance across different soil types and conditions.
- Validated the model's performance through rigorous testing and evaluation against ground truth labels.

Topic Modelling of Web Pages with Latent Dirichlet Allocation Methods   View Paper
- Implemented Latent Dirichlet Allocation (LDA) algorithms to perform topic modeling on web pages, extracting latent themes and topics from textual content.
- Analyzed results to provide insights into public opinion and trends, supporting data-driven decision-making and strategy development.
- Preprocessed web page data by cleaning and tokenizing text, removing stop words, and applying stemming or lemmatization techniques to enhance model accuracy.
- Utilized LDA to identify underlying topics within web page collections, enabling efficient categorization and organization of content.