Vikash Thirumurugan

Pre-final Year, B.E.Computer Science and Engineering

📞 9994813832   ✉ vikashuvi07@gmail.com   in Linkedin Profile   ○ Github Profile

Education

B.E. Computer Science and Engineering   CGPA - 8.30
KSR Institute for Engineering and Technology   *2024 - 2026*

Board of Secondary Education   CGPA - 81.8
TNPL Matriculation Higher Secondary School   *2021 - 2022*

Experience

Atmega Software Technologies LLP   Apr 2023 – May 2023
UX/UI Designer
- Designed and implemented the entire **user interface** for an **ERP software system** tailored for **school management**.
- Created **intuitive** and **responsive layouts** to enhance **user experience** and streamline **administrative processes**.
- Collaborated with stakeholders to ensure the design met specific **educational institution requirements**.

TuneUp (E-Learning Platform)   Sep 2023 – Present
UX/UI & Python Trainer
- Conducted **Python programming training** for **2 batches** of students, covering **fundamental to advanced concepts**.
- Led a **UX/UI design course** for 1 batch, teaching principles of **user-centered design** and **prototyping**.
- Developed comprehensive **course materials** and **hands-on projects** to enhance student learning and **practical skills**.

Personal Projects

AI Resume Builder | *React.js, TailwindCss, Clerk, NeonDB, Strapi, Gemini*   GitHub | *July 2024*
- Developed a **full-stack AI-powered resume builder** web application, integrating **Gemini API** for intelligent suggestions and optimizations, resulting in a **streamlined process** for creating professional, standout resumes.
- Implemented secure user authentication and efficient content management, enabling **over 50 peers and classmates** to create high-quality resumes, demonstrating the application's **real-world impact** and effectiveness.

RescueNet | *Figma*   Link | *May 2024*
- Designed a comprehensive **UI/UX prototype** for a **mobile application** aimed at **streamlining disaster response efforts**, featuring a **Survivor Assistance Hub** and a **Supportive Volunteer Network**.
- Conceptualized innovative features including **network connection assessment**, **Bluetooth communication** for limited connectivity scenarios, and a **drone-based damage assessment system**, demonstrating a **user-centric approach** to **disaster management technology**.

Technical Skills

Languages: Python, Java, C, JavaScript, HTML5, CSS3
Technologies: React.js, TailwindCss, Vite.js, Strapi, MySql
Developer/Designer Tools: Git and Github, VSCode, Figma, Canva
Area of Interest: Web Application Designing and Development

Achievements

- Served as the **Google Developer Student Clubs - Design Lead** in our campus, organizing various events, helping members to develop their technical skills and working on various project.

- Independently developed **event websites** for **college symposium**, **GDSC FEST'24**, and state-level **GDSC WOW TN'24**, showcasing strong **web development** and **project management skills**.

- Led a team in the **Google Solution Challenge**, creating a **full-stack solution** to **empower small-scale businesses**, showcasing **leadership** and **comprehensive development expertise**.

- Completed over **100+ problems** on **LeetCode** and **CodeChef**, demonstrating **proficiency** in **problem-solving** and **algorithmic thinking**.

Certificates

- **Essentials in Python by Livewire**

- **Google Cloud Computing Foundations & Generative AI**

- **Pradhan Mantri Kaushal Vikas Yojana (PMKVY) Skill Development**

- **Introduction to Cloud Computing by IBM**

- **React Basics by Meta**

Coursework

- Operating System
- Object Oriented Programming (Java)
- Data Structures and Algorithm (C)
- Artificial Intelligence and Machine Learning
- Database Management System
- Foundations of Data Science