VIKAS YADAV

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🌐 Portfolio   ⌗ Github

Objective

"**Dual-threat Full-Stack Engineer and UI/UX Designer** focused on building **user-centered**, high-performance web applications. Expertise spans the full project lifecycle, from **user research** and **prototyping (Figma/Sketch)** to **scalable deployment (AWS/Docker)** using modern frameworks like **React** and **Node.js**. A master of **design thinking** who delivers products that are both visually refined and technically robust .

Education

BCA	**Graphic Era Deemed To Be University, Dehradun**	2021 – 2024
	Kendriya Vidyalaya Birpur, Dehradun, Uttarakhand	2018 – 2021

- 10th and 12th

Experience

Full-Stack Development Intern   *Aug 2025 – Oct 2025*
Zidio ⧉

- Successfully **implemented** fundamental features using the **MERN stack**, focusing on basic CRUD (Create, Read, Update, Delete) operations and data persistence in **MongoDB**.
- Developed and styled responsive front-end components using **React.js**, ensuring cross-browser compatibility and a clean **UI/UX** based on design specifications.
- **Learned and applied** core back-end concepts, including setting up server routing with **Express.js** and handling basic authentication processes.
- Built and consumed **RESTful APIs** to ensure seamless data flow between the **React** client and the **Node.js** server.
- **Collaborated** with the team on code reviews and used **Git/GitHub** for version control, demonstrating proficiency in a standard software development environment.
- **Keywords:** MERN Stack, React.js, Node.js, Express.js, MongoDB, RESTful APIs, CRUD Operations, Responsive Design, Git, UI/UX Basics.

Projects

Blogify (AI-Powered Blogging Platform)

- Developed a full-stack blogging platform using the **MERN Stack**, prioritizing a clean, minimal **UI/UX** for optimal content readability.
- Integrated the **Google Gemini API** to automatically generate context-aware content descriptions, significantly boosting **SEO** and user engagement.
- Engineered advanced audio features including **Text-to-Speech** with diverse voices and seamless **audio-text synchronization** (real-time highlighting).
- Implemented essential features like multiple reading modes (Dark/Focused) and a **moderated commenting system**.
- **Technologies Used: MERN Stack (React, Node.js, MongoDB)**, **Google Gemini API**, RESTful APIs, UI/UX Design.   [Live-Demo]
- **Keywords:** Full-Stack, **AI Integration**, **Text-to-Speech**, Real-time Synchronization, MERN, Moderated Content, UI/UX Design, SEO.

Excel Vision (Interactive Data Analytics Platform)

- Developed a full-stack **MERN** application enabling secure user file upload and real-time transformation of raw **Excel data** into dynamic visualizations.
- Engineered an intuitive dashboard featuring **dynamic KPI cards** and interactive charts (line, bar, pie), allowing users to derive **actionable business insights**.
- Utilized an advanced **Charting Library** (e.g., Chart.js or D3.js) to implement a customizable data visualization interface, focusing on **data clarity** and **UI/UX**.

- Implemented robust data handling logic for parsing and securely processing complex datasets, ensuring high performance and data integrity.
- **Technologies Used: MERN Stack**, Advanced Charting Library, File Upload Handling, Data Parsing, Custom CSS/Tailwind.   [Live-Demo]
- **Keywords:** Full-Stack, **Data Visualization**, **Business Intelligence**, Interactive Charts, Real-time Processing, KPI Dashboard, UI/UX, Data Parsing.

Technical Expertise

Core Languages & Technologies: JavaScript (ES6+), **TypeScript** (Basics), HTML5, CSS3, C++, Python

Frontend Frameworks: React.js, **Next.js** (Fundamentals), React Router, Redux (Basic)

Backend & Data Services: Node.js, Express.js, **MongoDB**, **MongoDB Atlas**, **Firebase**, Convex, RESTful APIs, SQL

AI/Advanced Tech: AI/LLM Integration (Gemini API), **Three.js** (Basics), WebGL, Real-time Data

UI/UX & Design Tools: Figma, Sketch, **Design Systems**, User-Centered Design (UCD), Wireframing, Prototyping

Styling & Animation: Tailwind CSS, Framer Motion, **GSAP**, Styled Components, Responsive Design, Lenis/Locomotive Scroll

DevOps & Version Control: Git, GitHub, Basic **Docker** Concepts, Cloud Staging, **CI/CD** Principles

Soft Skills

- **Agile Collaboration** – Experience operating within **Agile** and Scrum methodologies, fostering effective communication and synergy between development and design teams.

- **Design Empathy & Communication** – Exceptional ability to translate user needs (**Design Empathy**) and complex technical concepts into clear, actionable terms for diverse stakeholders.

- **Creative Problem-Solving** – Proactive in debugging and resolving challenging logic errors and **UI/UX discrepancies** with innovative, efficient solutions.

- **Adaptability & Initiative** – Proven capacity for rapidly mastering new frameworks (**Next.js**, **TypeScript**) and embracing new technologies to drive project innovation.

- **Product Ownership** – Strong focus on accountability and effective **time management** to drive features to completion, ensuring project milestones and deadlines are met.

Certificates

Diploma in Software Engineering   ITech Institute of Computers

(windows, typing, MS Office, Database, Web designing, Tally, DTP and Internet)

Python Programming   ITech Institute of Computers

(Fundamentals and Data Visualization)