# 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

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|---|---|---|
| **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

### Full Stack Projects

**Blogify (AI-Powered Blogging Platform)**

- Full-stack platform built with **MERN Stack**, prioritizing minimal **UI/UX** for readability.
- Integrated **Google Gemini API** for automated content generation, significantly boosting **SEO**.
- Engineered advanced audio: **Text-to-Speech** with seamless **audio-text synchronization** (real-time highlighting).
- Implemented key features: multiple reading modes and a **commenting system**.
- **Technologies: MERN Stack (React, Node.js, MongoDB)**, **Google Gemini API**, RESTful APIs.
  [Live-Demo]

**Excel Vision (Interactive Data Analytics Platform)**

- Developed a full-stack **MERN** application for secure user file upload and real-time transformation of **Excel data**.
- Engineered an intuitive dashboard featuring **dynamic KPI cards** and interactive charts for actionable **business insights**.
- Utilized an advanced **Charting Library** focusing on **data clarity** and optimal **UI/UX** for visualization.
- **Technologies: MERN Stack**, Advanced Charting Library, Data Parsing.   [Live-Demo]

## UI/UX and Design Projects

### Luma (AI-Powered Financial Portfolio Dashboard)

- Designed a dynamic financial analytics **UI/UX** in **Figma**, focusing on **data clarity** and professional dark-mode aesthetics.
- Developed high-fidelity prototypes for an intuitive **Financial Analytics** dashboard, including **real-time forecast** visualization.
- **Focus:** Information Architecture, **Data Visualization Design**and High-Fidelity Prototyping.  [Live-Demo]

### Elevate (High-Conversion Agency Landing Page)

- Designed and deployed a conversion-focused landing page for an advertising agency using **Framer**.
- Strategically used bold typography and clear **CTAs** (Calls to Action) to guide user flow.
- Implemented dedicated sections for **video testimonials** and client logos to build immediate trust and social proof.
- **Focus:** **Conversion Rate Optimization (CRO)**, Social Proof integration, Results-driven design.  [Live-Demo]

## 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