Kartik Malviya

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EDUCATION

JAGRAN LAKECITY UNIVERSITY

BCA IN DATA SCIENCE

Expected June 2025 | Bhopal, MP

RELEVANT COURSEWORK

Introduction to Data Science

Web Development

Machine Learning

Operating Systems

Computer Networks

Object Oriented Programming

SKILLS

PROGRAMMING

Languages: JavaScript • TypeScript

Frontend: Next.js • React.js HTML • CSS • Tailwind CSS • MUI

Backend: Node.js • Express.js

Databases: MongoDB • NeonDB

Tools: Git • GitHub • AWS • CI/CD Cloud Deployment

LANGUAGES

English • Hindi

CERTIFICATES

(Coursera)

2024   React Basics | Meta

2024   Advance React | Meta

2024   Principles of UX/UI Design | Meta

2023   Design Thinking for Innovation

LINKS

Portfolio:// **kartikmalviya**

Github:// **kartikmalviya**

LinkedIn:// **kartikmalviya**

Twitter/X:// **kartikmalviya**

EXPERIENCE

INCILO | SOFTWARE ENGINEER INTERN

June 2024 – August 2024 | Bhopal, MP

- Developed and optimized a **scalable frontend** for Incilo's logistics platform using **Next.js** and **TypeScript**.
- Designed **10+ reusable**, accessible UI components with **Shadcn UI**, ensuring a **consistent**, **responsive**, and user-friendly experience for **tier 2 and 3 city** users.
- **Collaborated** closely with the **UI/UX designer**, providing **feedback** on **dashboard designs** and UI improvements to enhance usability.
- Managed **version control** with **AWS CodeCommit**, utilizing **feature branches** and merging approved changes with the **senior engineer**.

PROJECTS

Tiny-Link: Github | Live

- Built a **high-performance** URL shortening service using **Next.js 15** with **server actions** and **TypeScript**.
- Implemented **PostgreSQL (NeonDB)** with **PrismaORM** for structured data storage and **fast retrieval**.
- Integrated **Next-auth v5 (Auth.js)** with **Credentials & OAuth Providers (Google & GitHub)** for secure authentication.
- Designed **authentication components** including **Login, Register, Forgot Password, Verification, Error Handling**, and **Auth Buttons**.
- Developed **Forgot Password functionality** with **secure email verification**.
- Created a **custom useCurrentUser hook** for managing authentication state efficiently.

Nexidea: Github | Live

- Developed an AI-powered project idea generator leveraging **Google Gemini API**, enabling users to generate project ideas based on their chosen technologies and expertise levels, enhancing ideation efficiency.
- Developed a reusable **MaxWidthWrapper** component using **Tailwind CSS** to ensure a **consistent** max-width layout across different screen sizes, **improving responsiveness** and maintainability.
- Built **custom login** and **signup** components with OTP authentication for secure user access

Foundrguide: (Final Year Project) Github | Live

- Developed an **AI-powered** platform enabling users to **chat with self-help** and **business books** for **instant summaries** and **insights**.
- Designed and built a modern, **responsive UI** with **Next.js**, **TypeScript**, and **Tailwind CSS**, ensuring seamless user interactions.
- Integrated **Clerk Authentication** for secure user sessions and user management.
- Secured **cross-origin** communication between **frontend (Vercel)** and **backend (Render)** via **CORS**.
- Designed a **scalable backend architecture** with **TypeScript, Express.js**, and **MongoDB**, implementing **type-safe schemas**.