

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

Frontend: React.js, Next.js, TypeScript, Tailwind CSS

Backend: Node.js, Express.js

Databases: MongoDB + Mongoose, PostgreSQL (NeonDB), Prisma ORM

Tools: Git, Github, AWS Code Commit

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 user-friendly **frontend interface** for Incilo's logistics platform using **Next.js** and **TypeScript**, enhancing navigation and accessibility for tier 2 and 3 city users.
- Developed **10+** reusable UI components with **Shadcn UI** reducing dev time by **30%**
- Utilized **AWS CodeCommit** for efficient **version control** and streamlined **team collaboration** during the development process.

PERSONAL PROJECTS

Tiny-Link: (URL Shortener) [Github](#) | [Live](#)

- Developed a fully functional URL shortening service using **Next.js** and **TypeScript**.
- Used **PostgreSQL (NeonDB)** as the database and **Prisma ORM** to handle data efficiently, ensuring smooth storage and retrieval of URLs.
- Utilized **Zod** for **form validation**, ensuring robust input validation for email, password strength, and error handling.
- Integrated secure **email-based** password reset functionality using **Resend API** and **token-based authentication**, ensuring seamless account recovery.

Nexidea: (Project Idea Generator) [Github](#) | [Live](#)

- Developed an **AI-powered platform** that generates project ideas based on the user's chosen technologies and expertise level, leveraging **Google Gemini API**.
- Implemented **Clerk Authentication** ensuring secure user login and session management.
- Designed a minimalist and responsive UI using **Shadcn ui** components and **Tailwind CSS**, ensuring a clean and user-friendly experience.
- Integrated PostgreSQL with **Prisma ORM (NeonDB)** for structured data storage and efficient database operations.

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.
- Secured **cross-origin** communication between **frontend (Vercel)** and **backend (Render)** via **CORS**.
- Implemented **type-safe** Mongoose schemas using **TypeScript** for **robust** data modeling in MongoDB.
- Developed a **scalable backend architecture** with **TypeScript** and **Express.js**, creating a **robust RESTful API** for efficient data handling
- Integrated **Clerk Authentication** for secure user sessions and user management.