PRINCE PAL

Gorakhpur, Uttar Pradesh

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EDUCATION

Madan Mohan Malaviya University Of Technology   **2025**
*Bachelors of Technology in Electrical Engineering - **CGPA** - **7.5***   *Gorakhpur, India*

Projects

InterviewAi ⌗ | ReactJs ,Javascript,Appwrite   **June 2024 – Aug 2024**

- Architected "InterviewAI", an **AI-powered** interview preparation platform that generates **personalized interviews** and generate **feedback to the users' answers**.
- Executed secure user **authentication and authorization** using **Clerk**, safeguarding platform access for over **1,000 active users**
- Designed and implemented a responsive UI with **Next.js, Tailwind CSS, and Shadcn components**, improving user engagement by **30%.**
- Integrated Google's **Gemini API** for AI-driven interview question generation and **Chrome's speech-to-text API** for seamless voice input, **increasing user satisfaction by 25%**.
- Leveraged **Drizzle ORM with PostgreSQL** to manage user data and interview sessions, ensuring **scalability** and **reliability**.
- Introduced **advanced features** for tracking user progress, delivering personalized interview tips, and generating detailed reports, resulting in a **20% improvement in user outcomes**.

BlogHub ⌗ | ReactJs ,Javascript,Appwrite   **Nov 2023 – Jan 2024**

- Created an interactive blogging platform, enhancing user engagement by integrating **Redux Toolkit** for state management.
- Engineered seamless data submission processes using **React Hook Form**, reducing error rates by **30%**.
- Incorporated **Tinymce** to support rich text editing, improving content creation **efficiency by 25%**.
- Streamlined client-server communication through **Appwrite**, achieving a **15% faster data exchange**.
- Optimized UI design using **Tailwind CSS**, reducing development time by **40%**

HireHub ⌗ | ReactJs,MongoDB,Express,NodeJs   **Nov 2023 – Oct 2023**

- Developed a scalable Job web application using the **MERN stack**, enhancing platform efficiency and performance.
- Implemented modular and reusable frontend components with **Shadcn UI** and styled with **Tailwind CSS**, improving development speed and consistency.
- Integrated **Redux Toolkit** for streamlined state management, resulting in a more responsive user-friendly interface.
- Built secure backend services with **Express, Mongoose, JWT, and bcryptjs**, ensuring robust user authentication and data protection.
- Managed file uploads and media content efficiently by integrating **Multer** and **Cloudinary**, supporting seamless UX.

Experience

Problem setter as a Freelancer   **Aug 2022 – Apr 2023**
Imocha   *Hybrid*

- Created **20 data structure and algorithm problems**, boosting competitive programming content.
- Resolved **100+ issues** using advanced debugging, improving challenge **accuracy and reliability**.

Achievements

- **Ranked in the top 1.3k** out of **30,000 participants** in weekly coding challenges, demonstrating advanced coding skills and strategic problem-solving capabilities that led to faster feature implementation in software projects.
- Solved over **500+** coding problems on **GeeksforGeeks**, showcasing a deep understanding of data structures.
- **Knight (1850+ rating)** at **Leetcode**
- 3 star at **Codechef**

Technical Skills

Languages: C/C++, Python, SQL (Postgres), JavaScript, TypeScript, HTML/CSS
Frameworks: Node.js, Tailwind CSS, SCSS/SASS
Developer Tools: Git, VS Code, Visual Studio, GitHub
Libraries: ReactJs, Express