

DIPAK KUMAR

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SUMMARY

- 2+ years of experience as a **full-stack developer**, delivering full-stack web applications with a focus on performance, scalability, and clean architecture.
- Proficient in building and integrating **RESTful APIs** using **Node.js** and **Express.js**, ensuring secure and seamless communication between systems.
- Expertise in **database management**, including designing **schemas**, **optimizing queries**, and working with **MongoDB, MySQL, and Mongoose**.
- Proficient in **deploying and managing applications** on cloud platforms, such as **AWS**, with experience in CI/CD pipelines.
- Strong problem-solving skills, with a focus on **clean, scalable, and maintainable** code.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University, Lucknow

B.Tech in information technology

TECHNICAL SKILLS

- **Programming Languages:** Javascript, Typescript, Python
- **Frameworks & Libraries:** React.js, Express.js, Mongoose, Next.js, Redis
- **Database & Server:** MongoDB, Node.js, MySQL,
- **UI Technologies:** HTML5, CSS3, Javascript, Tailwind, Shadcn, Bootstrap, MUI, Magic UI
- **APIs & Tools:** Rest API, AJAX (Axios, Fetch API), Postman, TanStack Query, Swagger
- **Others:** Git & Github, CI/CD Pipeline, AWS, Kubernetes, Docker, Microservices

PROFESSIONAL EXPERIENCE

Leapx.ai Under Terra Trends Technologies PVT. LTD.

March 2024 – Nov 2024

Project: [Leapxads.com](https://leapxads.com) (Version 1 & 2) | Role: Full Stack Developer | Teamsize: 5

- Designed and developed a full-fledged marketing platform from **scratch**, integrating an **AI-powered DAC chatbot** using LangChain and OpenAI GPT, enabling users to launch campaigns on Facebook, Instagram, and Google through natural, conversational interactions.
- Optimized frontend performance **by 25%** by architecting efficient, reusable components in **React and Next.js**, implementing **lazy loading, code splitting, and leveraging TypeScript** for enhanced scalability and type safety.
- Improved backend API efficiency **by 30%** by optimizing **MongoDB queries, implementing pagination, and restructuring Express routes**, resulting in significantly faster campaign data processing.
- Visualized campaign performance with **Recharts**, offering users data-driven insights.
- **Environments:** React.js, Next.js, Redux Toolkit, Typescript, Tailwind CSS, Shadcn, Rechart, Node.js, Express.js, MongoDB, Mongoose, TanStack Query, WebSockets, AWS, Docker, LangChain, and OpenAI's GPT API

Techninza.in Under Gazetinc Technology LLP

May 2023 – March 2024

Project: [Caross.in](https://caross.in) | Role : Full Stack Developer | Teamsize : 3

- Designed and developed the **Caross** Car Care Service platform from **scratch**, enabling users to seamlessly book, track, and manage car maintenance services online.
- Crafted **responsive**, user-friendly interfaces using **React.js**, CSS, and **Bootstrap**, improving user engagement and reducing bounce rates through faster load times and intuitive UX.
- Built a high-performance backend with **Node.js, Express.js, and MongoDB**, optimizing service workflows and queries to reduce API response times by 35%.
- Enhanced platform scalability and stability by implementing efficient input validations, modular architecture, and **reusable components**, resulting in a 30% improvement in overall system performance.
- **Environments:** React.js, Redux Toolkit, CSS, Bootstrap, Node.js, Express.js, MongoDB, Mongoose., AWS, Git & Github, CI/CD Pipeline.

Full Stack Developer – Intern

- Maintained and enhanced the company's proprietary ERP platform, built with **React.js**, ensuring smooth functionality and continuous improvement of business-critical features.
- Developed and integrated new modules for inventory, user management, and reporting, improving system efficiency and usability for internal teams.
- Collaborated with backend teams **to debug and enhance REST APIs**, and ensured robust error handling, validation, and secure data flow between frontend and backend.
- Conducted thorough testing and regular updates, **reducing bugs in production by 18%** and improving overall system reliability.
- **Environments:** React.js, CSS, Bootstrap, Node.js, Express.js, Mongodb, MySql, SQL, Mongoose, Angular10+, C++, AWS, Docker, Git & Github.