Nikhil Dasar

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Summary

Dynamic full stack developer skilled in React.js, Next.js and Node.js, with expertise in managing cookies for session persis- tence and user authentication. Proven ability to architect scalable backend systems and optimize perfor- mance. Proficient in Utilizing Redux and Material UI.

Education

8.1/10	**BTech in Information Technology Engineering**, *Government Engineering College, Bilaspur*	Bilaspur, India	*2019-23*
8.4/10	**Higher Secondary**, *G.H.S. School, Bijapur*	Bijapur, India	*2015-17*
7.8/10	**High School**, *G.H.S. School, Madded*	Madded, India	*2013-15*

Experience

Freelancer, *East Homes* | Remote   *March 2024 - June 2024*
- Optimized the performance of live projects using **lazy loading**, compressing images and minimized no. of HTTP requests.
- Developed projects using **Material UI, Prisma** and **NextJS** for UI Enhancement algorithms, to create the shortest process of submitting a form during emergencies.

Training and Internship

The Sparks Foundation, *Web Developer Intern* | Remote   *Feb 2024 - Present*
- Developed and deployed **Banking System** for faster process, integrating **nextJS** to solve the loading time and enhanced the UI experience.
- Drove advanced solutions, optimizing web apps performance and stability through **AI-driven tools and packages**.

Techplement, *Full Stack Developer* | Remote   *Jan 2024 - Feb 2024*
- Led an 6-person team to develop a **clinic management system** website for a patient appointments.
- Designed a rule-based visual scripting framework for configuring **auto-evaluators** through **B0RemoteAPI** for evaluation.
- Optimized the localization model using **Tensor Flow** for real-time camera feeds, achieving a calibration error of ≤0.5%.
- Incorporated a **unit testing** framework with automated test cases to validate the models.

Skills

Front End	ReactJS, NextJS, Redux, Material UI, TypeScript, Shadcn, JavaScript, Tailwind CSS, HTML, CSS
Backend | Database	NodeJs, Express, JWT, JOI, Prisma (ORM), MongoDB, Graph QL, SQL
Version Control | DevOps	Docker, AWS, AWS EC2, Heroku, Netlify, Vercel, Git, Github, Bash Scripting
Certifications	EICT- IIT Kanpur, Training – (2021) | IIIT - Naya Raipur, Training – (2020) | InternShala – (2023)

Projects

Shop-Vista | E-Commerce | Front End and Back End Development   *Feb 2023 - April 2023*
TechStack - NextJS, ReactJS, Express, Javascipt, Tailwind CSS, NodeJS   *WEBSITE | GITHUB*
- Developed custom authentication environment utilizing **Nodemailer** and JWT, integration with NodeJS.
- Frontend development using NextJS, ReactJS and Tailwind CSS for creating responsive, interactive and Intuitive UI .
- Payment Integration using **Razorpay** Gateway with **pre and post transaction API** integration for secure and robust trasaction.
- Backend Implementation Using Node.jS and Express.js to create API and database Integration.

News-Point | NewsAPI | Front-End and Back-End Development   *Jan 2024 - Jan 2024*
TechStack - ReactJS, Node.js, Express, Redux, Redux-Toolkit, Tailwind CSS, NodeJS   *WEBSITE | GITHUB*
- Developed a high-performance news API, delivering real-time headlines and articles with seamless integration capabilities.
- Developed a high-performance, **optimized data flow** algorithm with integrated **Tailwind** for optimized UI.
- Implemented scalable server-side logic with Node.js and Express, ensuring reliable and efficient data processing.

Sages | School Website | Front-End and Back-End Development   *July 2023 - Sep 2023*
TechStack - Next JS, React JS, Redux, Tailwind CSS, NodeJS, Multer, MongoDB   *WEBSITE | GITHUB*
- Implemented **Multer** Image Upload and Reduce the overall size of image upload in admin panel.
- Developed events, gallery and notice update features for admin.
- Front End Development Using React JS, Next JS and **Tailwind CSS** for across devices.
- Backend Development Nodejs, express and multer, with jwt authentication system.

Netflix-Clone | Streaming | Front-End and Back-End Development   *Oct 2023 - Dec 2023*
TechStack - TypeScript, NextAuth, Prisma, React JS, Next JS, Tailwind, MongoDB, NodeJS   *WEBSITE | GITHUB*
- Integrated **NextAuth and prisma ORM** for performance enhancements led to reduce the registration time upto 70%.
- Implemented User authentication and authorization using **Prisam provider (Google and Github)** based authentication for secure authentication.
- Developed dynamic content rendering and streaming on user preferences.

Achievements

2023	**Research Paper**, Published a research paper on android mobile application 'Pay Per Parking'	*India*
2017-18	**2 Times Jee Mains Qualified**, Competitive Joint Entrance Examination 2017-18	*India*

Achievements: Finalists @ HackerRank Competition | Finalists in IT Dept. - Bachelor's Capstone Proj | IEEE (Submitted)