

Nikhil Dasar

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Summary

Dynamic backend developer skilled in Node.js and Express, with expertise in managing cookies for session persistence and user authentication. Proven ability to architect scalable backend systems and optimize performance.

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 **BORemoteAPI** for evaluation.
- Optimized the localization model using **Tensor Flow** for real-time camera feeds, achieving a calibration error of $\leq 0.5\%$.
- Incorporated a **unit testing** framework with automated test cases to validate the models.

Skills

Backend	NodeJs, Express, JWT, JOI, Prisma (ORM), TypeScript, Web3, MongoDB, GraphQL, SQL
Front End Database	ReactJS, NextJS, Redux, Material UI, Tailwind CSS, HTML, CSS
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, Javascript, 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 transaction.
- 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 **Prisma 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 | Solved 300+ DSA Questions | Finalists in IT Dept. - Bachelor's Capstone Proj | IEEE (Submitted)