

Nikhil Bansal

✉ bansalnikhil379@gmail.com | 📞 8764396225 | 📍 Jaipur, Rajasthan

EDUCATION

B.Tech ECE -

JECRC -

2020 - 2024

CGPA - **8.21**

Senior Secondary -

Sarvodaya Sen. Sec. School -

2020

Percentage - **75.20**

Secondary -

Gramodaya Public School -

2018

Percentage - **85.00**

LINKS

github
linkedin
Leetcode
GFG
Code Studio

HONORS & AWARDS

- Smart India Hackathon **Runner UP** Led an innovative team to secure the runner-up position.
- Embedded Project Exhibition Runner UP** Recognised for excellence in an impactful exhibition.
- Letter of Appreciation for Conducting **Web Development** workshop.
- Worked on multiple **Freelancing Project** with full client satisfaction.

SKILLS

Tech Skills

JavaScript • Python • React •
NodeJS/ExpressJS • MongoDB •
HTML • C# • MySQL • CSS • NextJS •
NestJS • DBMS • REST APIs

Miscellaneous

MVC • ES6 • Azure Factory • API
Development Documentation •
NPM • TypeScript • JQuery •
Leadership • Google Analytics •
Problem Solving • Collaboration
/Teamwork

EXPERIENCE

Dotsquares - Full Stack Javascript Developer

April 2024 - Present

- Acquired proficiency in Next.js and Nest.js for developing high-scale web applications.
- Developed a dynamic Fitness App using NestJS for backend development and Next.js for the Admin Panel frontend. Integrated instructor assignment functionalities, robust authentication with JWT tokens, and managed a MySQL database for storing user profiles, workout details, and nutrition plans efficiently. Implemented performance tracking features with visual charts to monitor user progress, enhancing user engagement and satisfaction. Designed role-based access controls to manage user permissions effectively, ensuring secure and personalized fitness experiences.

Ethereal Softech PVT. LTD. - Full Stack Developer Intern

June 2022 - August 2022

- Developed and maintained responsive **web applications** using **React.js** and **Node.js**, ensuring optimal user experience and performance
- Utilized Node.js **libraries and frameworks**, such as **Express, Mongoose, NPM**, to enhance application functionality and streamline data management.
- Applied live data on a **real-world project** to enhance my practical experience and problem-solving skills.

PERSONAL PROJECTS

Business Intelligence Dashboard

- Created a dynamic Business Intelligence dashboard with **SQL-driven visuals**, offering snapshot overviews of digital marketing, web analytics, and sales KPIs.
- Enhanced decision-making through processed **SQL queries**, generating comprehensive reports for business forecasts and strategic insights.

Fitmee Web App

- Spearheaded the development of Fitmee Web App, leveraging the MERN (MongoDB, Express.js, React.js, Node.js) stack for seamless functionality.
- Implemented a robust full-fledged authentication system ensuring secure access to user accounts and data.
- Engineered backend architecture to support diverse fitness functionalities including various workout routines, yoga, and meditation sessions, catering to a wide range of user preferences.
- Designed and integrated a user profile section enabling users to track progress, set fitness goals, and customize their workout plans based on BMI filtering, enhancing personalization and engagement.

NikBlog Web App

- Designed the **NikBlogAPP** using **JavaScript and NodeJS**, complete with a user-friendly **template engine (EJS)** for creating and sharing diverse blogs, offering readers and authors an engaging experience.
- Implemented seamless **Google and Facebook sign-in options** for user convenience. Registered users can also like and comment on blog posts, fostering an active and engaging community. Ensured **robust authentication** for users, guaranteeing the security and privacy of their profiles and interactions within the platform

PDF Chat Bot

- Built an **NLP-powered tool** that extracts text structure from PDFs utilizes **Google's AI models** to generate diverse, customizable test questions, saving educators valuable time reducing human bias.
- Implemented an innovative web app that transforms PDFs into engaging test sets, fostering deeper learning with personalized questions **real-time feedback**, benefiting both teachers students.

PROFESSIONAL TRAINING

Upflairs Machine Learning

Mastered essential ML tools like **NumPy, Pandas, OpenCV, and Matplotlib**. Built a Face Recognition App showcasing practical Application.