

NITIN PANWAR

nitinp.dev | Software Engineer | +91 9634960209 | contact@nitinp.dev | linkedin.com/in/nitin-panwar | nitinp.dev

WORK EXPERIENCE

Software Development Engineer II

Feb 2022 – Present

BITCS

Noida, India

- Spearheaded the creation of the cutting-edge Raven system, an internal tool designed to streamline issue management within the organization.
- Achieved end-to-end functionality, enabling users to seamlessly submit, assign, track, and document issue incidents for the Operations Team's workflow.
- Leveraged advanced technologies and methodologies, including **React, Node.js, GraphQL, Sequelize, and PostgreSQL**, to deliver a robust and user-friendly platform.
- Pioneered the implementation of a robust error handling framework across various services, ensuring swift identification and display of errors on the frontend.
- This proactive approach significantly improved system stability and user experience, highlighting our commitment to delivering top-notch software solutions.
- Elevated the quality of both frontend and backend components by implementing comprehensive testing protocols.
- Spearheaded a remarkable **+75%** increase in test coverage for the project, resulting in fewer bugs, faster issue resolution, and enhanced software reliability.
- Technologies utilized included **React, Node.js, GraphQL, Sequelize, Docker, Kubernetes, and Google Cloud**, showcasing a mastery of modern development tools and cloud computing.
- Implemented unit tests using **Jest**, and participated in **Test Driven Development** to ensure code quality.
- Developed and consumed **GraphQL APIs** to enhance the efficiency and flexibility of data retrieval.
- Utilized **TypeScript** for server-side development, improving code maintainability and type safety.
- Designed and created database schemas and objects, and wrote complex **SQL queries** for data retrieval and manipulation.
- Worked as part of an **agile team**, participating in agile ceremonies and collaborating with cross-functional teams to deliver high-quality software.

Frontend Developer Intern

Aug 2021 – Nov 2021

Sapio Analytics

Mumbai, India

- Spearheaded the development of an interactive frontend dashboard, offering users insightful analytics and statistics through a visually appealing interface.
- Collaborated seamlessly with cross-functional teams, including Backend and Database, to ensure data integration and real-time updates, enhancing user experience.
- Implemented an intuitive map feature using **MapBox**, allowing users to seamlessly navigate through different states of India while accessing region-specific analytics and statistics.
- This innovative addition provided users with a powerful tool to explore data visually and gain valuable insights.
- Leveraged an impressive tech stack, including **React, MaterialUI, Mapbox, D3, Redux, Plotly.js, and Google Charts**, to craft a modern and feature-rich dashboard.
- Demonstrated expertise in choosing and integrating the right libraries and tools to deliver a highly functional and visually appealing user interface.

PROJECTS

MatriMilan

<https://matrimilan.com/>

Bitcs

- MatriMilan is a powerful and user-friendly mobile application built using **React Native** that allows users to find their perfect life partner for marriage.
- With MatriMilan, users can sign up quickly and easily, create a profile that showcases their personality and preferences, and then browse through potential matches based on various criteria such as age, location, religion, and interests.
- The project was developed using **React Native, Redux, Styled Components, and Firebase**.

Wanaparthi Dashboard

<https://wanaparthydss.com>

Sapio Analytics

- Wanaparthi Dashboard is a project that was created with the aim of providing the government of Wanaparthi with a comprehensive view of the state's stats and analytics related to various schemes that they have opened.
- This project was developed using **React, Redux, and SCSS**, which allowed for the creation of a modern and responsive web application.

Raven

Bitcs - Client

- Raven is an internal project developed for a client that enables them to efficiently manage their workflow for handling tickets related to various issues.
- The project was built using a range of modern technologies, including **React, Redux, NestJS, PostgreSQL, Docker, and Kubernetes**, which allowed for the creation of a robust and scalable web application.
- As the lead developer for Raven, I worked closely with the client to ensure that the project met their specific needs and requirements.
- I was responsible for developing the frontend using **React and Redux**, as well as the backend using **NestJS and PostgreSQL**.
- I also worked together with the DevOps team to implement **Docker and Kubernetes** to ensure that the project was scalable and easily deployable across multiple environments.

SKILLS

Languages

- ECMAScript (ES6), GO, Python, TypeScript, JavaScript, Python 3, GraphQL, C++, HTML

Frameworks

- React, Svelte, Next.js, Redux, React Native, Express.js, Hapi.js, NestJS, Play

Paradigms

- REST, Concurrent Programming, Agile, Microservices, Continuous Integration (CI)

Storage

- Redis, PostgreSQL, MySQL, Amazon S3 (AWS S3), MongoDB

Tools and Technologies

- Docker, Kubernetes, Google Cloud, Jest, TypeORM, Apollo GraphQL, Microsoft Azure

EDUCATION

Bachelors in Computer Science

Meerut Institute of Engineering and Technology

7.2 SGPA
Meerut, India

CERTIFICATIONS

SQL and PostgreSQL: The Complete Developer's Guide | Udemy

Sept - Nov 2020

Docker Mastery: with Kubernetes +Swarm from a Docker Captain | Udemy

Jan - March 2021

Microservices with NodeJS and React | Udemy

Jan - June 2021

CONTACT INFORMATION

Nitin Panwar contact@nitinp.dev [linkedin.com/in/nitin-panwarr](https://www.linkedin.com/in/nitin-panwarr) nitinp.dev +91 9634960209 Noida, India

LANGUAGES

English (Professional Proficiency) Hindi (Native Proficiency)