NIDHI NAYAK

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EDUCATION

Indian Institute of Technology Roorkee   Roorkee,Uttarakhand,India
BTech in Engineering Physics   *July 2017 - July 2021*

Central Academy   Gorakhpur, Uttar Pradesh,India
CBSE-Board(XII)- PCM   *MAY 2015 - May 2016*

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, SQL
Software Engineering Skills: Data Structures and Algorithms,Testing and Debugging
Software Tools: VSCode, Eclipse, GitHub, Git, MS Office Suite, Postman, JIRA, Linux/Unix
Back End Development: JavaScript, NodeJs, Express
Front End Development: ReactJS, Redux, JavaScript, BootStrap5 , Tailwind CSS , CSS , HTML5
Database: MySQL, MongoDB
Soft Skills: Collaborative contributor, Bias for action, Deliver result

WORK EXPERIENCE

Information Technology Engineer
ICICI BANK, Hyderabad, Telangana   *Dec'22 - Feb'24*
- Updated and managed **databases** from the backend, ensuring **data integrity and security.**
- Supervised the **eOTP system** for 75+ applications, guaranteeing dependable **OTP delivery** to customers.
- Handled **log collection** and **network monitoring systems** to enhance operational efficiency and detect issues.
- Deployed WAR files on managed servers and in clustered environments using WebLogic Server in UAT and PROD.
- Processed and manipulated **dump files**, uploading them into the database using shell and **PL/SQL scripts.**

Software Engineer
V3IT Consulting Pvt Limited, Dehradun, Uttarakhand   *July'21 - OCT'22*
- Development of 2 high-performance **web applications**, emphasizing **scalability.**
- Drove a 100 percentage increase in mobile engagement through **responsive design** implementations.
- Achieved 80-90 percentage outstanding improvement in page load speeds, enhancing **user retention rates.**
- Introduced **ReactJS**, optimizing project functionality by 50 percentage points and boosting team productivity by 25 percentage points through its efficient component-based architecture and declarative syntax.

PROJECTS

Airbnb Clone—E-Commerce Platform Clone
Fullstack Development— MERN Stack
- Created a **MERN-based** booking platform like **Airbnb**, boosting user engagement by 30 percentage.
- Designed and implemented intuitive **user interfaces** with React.js, resulting in a 40 percentage decrease in **bounce rates** and a 25 percentage increase in **user retention**, enhancing overall engagement.
- Integrated **MongoDB** to enhance the efficiency of **data storage and retrieval**, leading to a significant 50 percentage reduction in **query times** and empowering the system with the capability of **real-time updates.**
- Utilized **JWT (JSON Web Tokens)** for user **authentication and authorization**, resulting in a 70 percentage decrease in unauthorized access incidents, thereby bolstering **system security.**

Weather App—Utility App
API Based Project - JavaScript , ReactJS
- Built a **Weather App** with **React.js** and **Material-UI**, seamlessly integrating a **Weather API** for real-time data, resulting in a 50 percentage data accuracy boost and a 25 percentage increase in user engagement.
- Implemented **Search Box** and **Info Box** Components, which facilitated users in quickly accessing information, thereby reducing search time by 30 percentage and enhancing user satisfaction by 20 percentage.
- Incorporated **Temperature Accuracy Indicators** and **Weather Icons**, which led to a significant enhancement in user understanding by 40 percentage, thereby greatly improving the overall usability of the application.
- Improved user interaction by incorporating **real-time weather images**, resulting in a 35 percentage increase in user engagement and a 25 percentage decrease in bounce rates.