Nitin Lakra

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nakad-nitin darc-coder

Profile Summary

Software Development Engineer with 4 years of hands- on experience specializing in front-end development using **React.js, TypeScript, Angular and Javascript**. Proven track record of enhancing web application **performance**, leading optimizations, and successfully migrating projects to modern tech stacks. Skilled in **Vite.js, Material UI**, and state management tools like **Redux Toolkit**. Strong problem-solving skills with a focus on improving build times and user experience through innovative solutions such as **lazy loading** and **virtual scrolling**. Passionate about delivering **scalable** and efficient solutions in enterprise-level applications.

Education

B.Tech National Institute Of Technology, Rourkela, Computer Science | Jul 2016 – Jun 2020

Experience

Nakad, Software Developer Engineer — Gurgaon, IN — Apr 2023 – Present

- Led front-end development for an enterprise web application automating **accounting reconciliation** and **supply chain financing**.
- **Analyzed and resolved complex technical issues** by troubleshooting software bugs and performance bottlenecks, ensuring smooth product functionality.
- Optimized workflows by **identifying and automating repetitive tasks**, leading to enhanced efficiency and reduced manual intervention.
- **Collaborated closely with product managers and engineers**, providing input on tool improvements and assisting in the development of new features to meet evolving customer needs.
- Contributed to cross-functional projects, working with **sales, engineering, and external partners** to ensure alignment and execution of technical solutions.
- Managed technical relationships with stakeholders, offering **technical support and feedback** to both internal teams and external customers.
- Demonstrated strong **project management** skills by overseeing technical implementations and **ensuring timely delivery of solutions**.

Netcracker Technology, Junior Software Engineer — Hyderabad, IN — Oct 2020 – Apr 2023

- Developed **PL/SQL procedures** to implement business logic for the **Rating and Billing Manager**.
- Designed and enhanced the **application UI** using **Delphi** to meet product requirements.
- Built and improved features using **Delphi** and **Oracle technologies**, ensuring quality through **unit testing**.
- Created Table Schema and wrote migration scripts using **Oracle SQL**.
- Developed an internal **CRUD browser app** using **Angular**, employing modern features such as **reactive programming** and **lazy-loaded modules**, which improved app load time and performance.

Projects

Pills By Nitz
darc-coder/pills

- Pills is a Web based Music App developed to listen to songs and music from your favorite artists
- The app was created using React following latest state management technologies like Redux and Context API, The app is also PWA (Progressive Web App) compatible, allowing it to be installed on your mobile device like a regular application.
  Live URL: **nitz-pills.netlify.app/**
- Tools Used: React, JavaScript, React PWA

Bingo Game
darc-coder/Bingo

- Developed a Web-based multiplayer game to enable friends and colleagues to enjoy Bingo remotely.
- The application was built using **Node.js**, **Express.js**, and **Socket.io**, leveraging web sockets for real-time interactions and a seamless gaming experience. Designed to foster connectivity and entertainment, the platform supports dynamic gameplay and robust performance for multiple users.
  Demo Preview: **Bingo Game Preview**
- Tools Used: Node.js, Express.js, Socket.io

Nakad App

Nakad App is an enterprise web application for **accounting automation** and supply chain financing. It automates **accounts receivable/payable reconciliation**, offering features like balance confirmation, ledger procurement, reconciliation, and dispute resolution through a central dashboard.

Key highlights:

- Developed using **React 18** and **TypeScript** by a team of 2 developers.
- Initially built with **Create React App**, then migrated to **Vite.js**, cutting build time by **70%**.
- Implemented & Improved **CI/CD pipelines** for **GitHub Actions** for the project.
- implements **lazy loading** to improve load time by **30%**.
- **Virtual scrolling** for table components increased **render speed by 70%** on key pages.
- Introduced **Es-Lint** for code quality and **Error Boundaries** for runtime error handling.
- Live version: **app.nakad.co/**
- Tools Used: React, Typescript, JavaScript, Vite.js

CRUD Browser

- Developed an internal **CRUD browser application** using **Angular** to optimize data management workflows.
- Utilized **reactive programming** for efficient, real- time data handling and state management.
- Implemented **lazy-loaded modules**, improving app load times and overall performance.
- Enhanced user experience with faster navigation and reduced resource usage.
- Tools Used: Angular, Typescript, RxJS

Technical Skills

General Programming: | Python, CSS, Javascript, TypeScript, React - Advanced
C++, Java, Node JS, Angular, PLSQL, NextJS - Intermediate
React-Native, UNIX, Flutter, Web Performance - Beginner

Databases: | Oracle, My SQL, PLSQL, Prisma

Other Software: | Adobe Photoshop, Adobe Premiere Pro, MS Office, Latex