Suryanshu Tiwari *Associate Software Engineer*

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Professional Experience

Associate Software Engineer   05/2023 – present
Laitkor Consultancy Services PVT. LTD   Lucknow, India

- **Backend Development:**
  - Crafter custom API using Flask and Nodejs for multiple projects.
  - Modified existing APIs by implementing the best coding standards resulting in 30% increment in data fetching.
- **Frontend Development:**
  - Developed applications using multiple JavaScript frameworks and libraries such as React.js, Next.js, and Remix.
  - Designed applications by leveraging third-party API's and custom-made API's for specific tasks.
- **Database Integration:**
  - Wrote custom triggers and functions for post-action operations in Supabase.
  - Leveraged ORM for seamless communication between the database and APIs, ensuring data integrity and reliability.

Education

Bachelors of Technology   2019 – 2023
Babu Banarasi Das Institute of Technology and Management   Lucknow, India
7.9 CGPA

Skills

Javascript ● React js ● Nextjs ● OAuth ● TypeScript ● Redux Toolkit ● Redux Saga ● SQL ● Github

Projects

Intern trainee at Bharat Electronics Limited   09/2021 – 10/2021

- Developed a Basic file uploading system where you can upload a file of one particular extension.
- Technologies used were HTML, CSS, JAVASCRIPT, JAVA Spring boot and REST for the backend.
- The outcome of the project was a was webpage where user can upload a file, delete the file and also run the file in a software embedded in the web page.

Sorting Visualizer ⌐
Reactjs

- Developed a Sorting Visualizer App using ReactJS class components library.
- Implemented visualizations for multiple sorting algorithms: Quick Sort, Merge Sort, Selection Sort, and Bubble Sort.
- Currently expanding functionality with additional sorting algorithms.
- Implemented pathfinding algorithms, including Dijkstra and A*, for enhanced application capabilities.

Ecommerce Admin Dashboard ⌐
Nextjs, TypeScript, Tailwindcss, Clerk, PrismaDB

- Designed and developed a robust e-commerce admin dashboard featuring Clerk authentication for secure access.
- Implemented dynamic content management tools within the dashboard, enabling the effortless creation of billboards for the e-commerce website.
- Admins can manage categories, product colors, sizes, and descriptions, facilitating seamless online store management.

Kok8r ⌐
Nextjs, Supabase

- Developed a web-based collaborative platform for idea generation and management within product companies using Nextjs and Supabase.
- Implemented Jira integration for efficient project management.
- Implemented a feature allowing project owners or managers to invite new members to join the platform, enhancing collaboration.
- Implemented a multi-level role system (Owner, Project Manager, Manager, Customer, Viewer) to ensure appropriate access and permissions for different stakeholders.