RAHUL RAY

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Experience

Infosys Ltd   Jun 2022 – Present
Software Developer   *Chandigarh, India*

- Developed the **Westpac Skill Hub – Employee Skill Matrix Dashboard**, a platform to assess and track employee skills, certifications, and experience, using a **React frontend** with **Redux** for state management and **Ant Design** for UI components, with **Node.js** as the backend and **MySQL** as the database.
- Designed and implemented a responsive **login system** supporting email and phone authentication, with a secure password recovery mechanism, managed through Redux for consistent state handling.
- Built a **dynamic dashboard** with **pagination** and **dropdown filters** for easy data navigation, displaying employee skill information and allowing efficient retrieval based on selected criteria.
- Created an editable **skill matrix** for admins to update skill categories, certification levels, skill experience, and expert ratings, with auto-calculated skill scores based on selected parameters.
- Integrated **admin-specific permissions** to restrict data management access to authorized users, ensuring secure handling of employee information.
- Added **data export functionality** for seamless downloading of employee skill data, streamlining reporting and analysis processes.
- Developed a visual **analytics component** using Ant Design's charting tools to display key metrics, including employee count, total experience, and skill averages, through an interactive bar graph.

Projects

Udemy Pro | *NextJS − NodeJS − ExpressJS − Socket.io − MongoDB* | Github | Live
- Developed a full-stack **course-selling app** using **Next.js** for the frontend and **Node.js (Express)** for the backend.
- Implemented **JWT authentication** for secure login and **Nodemailer** for email notifications.
- Used **Redux** for state management, ensuring seamless data flow across the application.
- Integrated payment functionality, allowing users to purchase courses securely.
- Built an **admin dashboard** for listing and managing courses.
- Utilized **MongoDB** for storing user and course data.

Technical Skills

Programming Languages: HTML, CSS, JavaScript, Python
Frameworks: React, NextJs
Cloud: Amazon Web Services (AWS)
Others: Git, GitHub, SQL, RESTful web services, MongoDB

Achievements

- **Knight** at **Leetcode** with a max rating of **2033**, top **2%** of Leetcoders.
- Secured **World Rank 50/25k+** participants in Leetcode Biweekly Contest 124.
- Solved **700+ Data Structures and Algorithmic** problems on Leetcode.

Education

School Of Engineering, CUSAT   Graduated June 2022
Bachelor of Technology (CGPA: 8.6%)   *Kerala, India*