

# RAHUL RAY

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## Experience

### Infosys Ltd

Software Developer

Jun 2022 – Present

Chandigarh, India

#### M1 Client Work:

- Developed the **Westpac Skill Hub – Employee Skill Matrix Dashboard**, enabling skill assessment and tracking with a **React** frontend, **Redux** for state management, **Ant Design** for UI, and a **Node.js-MySQL** backend.
- Implemented a secure **login system** with email authentication, password recovery, and Redux-managed state.
- Built a **dynamic dashboard** with **pagination**, **dropdown filters**, and editable **skill matrix** for admins to update skill data and auto-calculate scores.
- Integrated **role-based access control** for secure admin permissions and **data export** for streamlined reporting.
- Developed interactive **analytics** using Ant Design charts to visualize employee skills, experience, and key metrics.

#### Verizon Client Work:

- Developed and maintained multiple **mini frontends**, ensuring seamless integration and high performance, with three frontends running efficiently.
- Engineered a **global state management solution** using Redux for seamless data flow across components and smooth communication between frontend and backend.
- Optimized UI components using **MUI** and other modern UI libraries to enhance the user interface and ensure responsive design, also implemented custom print and PDF download feature
- Created a **custom React hook** to detect if the device is a mobile or tablet, improving responsiveness and user experience.
- Collaborated with cross-functional teams to ensure scalability, maintainability, and adherence to best coding practices.

## 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.

## Education

**School Of Engineering, CUSAT**

Bachelor of Technology (CGPA: 8.6%)

Graduated June 2022

Kerala, India