Ardhendu Shekhar

Contact details

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Profile Links

- **GitHub**
- **LinkedIn**
- **Portfolio**
- **Codolio**

Skills

- **Data Analytics & Visualization:** Data Analysis, Dashboard Development, Excel, UI-Driven Reporting (Interested in Looker Studio)
- **Programming & Querying:** SQL (basic proficiency), Python (basic), JavaScript, TypeScript, C/C++
- **Front-End:** React.js, Redux, React Context API, Chakra UI, Tailwind CSS, HTML5, CSS3
- **Back-End & Databases:** Node.js, Express.js, MongoDB (data retrieval and management)
- **Developer Tools:** Git & GitHub, VS Code, Postman, Jira, Vercel, Render, OBS Virtual Camera, MediaPipe
- **Practices & Methodologies:** Agile (Scrum), Code Reviews, Scalable Component Design, Performance Optimization

Education

Bachelor of Technology
- **Institute:** Manipal Institute of Technology [MIT], Udupi, India
- **Department:** Automobile Engineering
- **Passing Year:** 2024
- **CGPA:** 7.86

Experience

Junior Software Development Engineer   **Feb 2025 – Present**
◇ Kinexcs, Singapore (Independent Contractor, Remote)
◇ Product: Kimia Assess (AI-Driven Musculoskeletal Assessment Platform)

- Developed responsive dashboards with TypeScript and React for real-time data visualization, fostering an interest in data analytics.
- Streamlined API-driven data workflows for admin panels, enhancing reporting efficiency and usability.
- Created scalable dashboard features—sorting, filtering, reporting—with Redux and RESTful APIs, aligning with BI principles.
- Fixed UI/UX issues, added multilingual support, and optimized testing with OBS Virtual Camera for accurate data presentation.
- Managed Agile ceremonies and shared knowledge on Git workflows, supporting data-driven development practices.
- Improved debugging and release cycles with Jira-GitHub integration, ensuring data stability in UI components.
- Built dark/light theme toggle with React Context API and Chakra UI, enhancing user experience.
- Standardized code with TypeScript and explored MediaPipe for real-time motion tracking applications.
- Added Role-Based Access Control (RBAC) in React apps for secure, role-specific data access.

Front-End Development   **Jan 2024 – Jun 2024**
◇ Peryton, Mumbai (Intern, Remote)

- Built scalable React applications with optimized UI components, sparking curiosity in data visualization.
- Collaborated with backend teams to integrate APIs, ensuring seamless data flow for potential analytics use.
- Managed version control and performance optimizations, laying groundwork for data-driven enhancements.

Projects

Shoppe- Online E-commerce Website (ReactJS, Redux, JavaScript):

- Designed and developed a feature-rich e-commerce platform with 20 dummy products, integrating a product catalog, cart management, and a seamless checkout process. Implemented Redux for efficient state management and dark/light mode for an enhanced user experience.
  Live link: **https://shopee-ardhendu-shekhar.vercel.app/**

DevDetective (HTML, CSS, JavaScript):

- Built a dynamic web application leveraging the GitHub API to search and display user profiles in real time. Engineered a responsive UI with dark/light mode support for improved accessibility and user engagement.
  Live link: **https://dev-detective-ardhendu-shekhar.vercel.app/**

Razorpay Homepage Clone (HTML, Tailwind CSS):

- Recreated the Razorpay homepage with a polished, desktop-centric UI using Tailwind CSS. Ensured responsiveness and usability across various screen sizes for an optimal browsing experience.
  Live link: **https://razorpay-clone-ardhendu-shekhar.vercel.app/**