Ardhendu Shekhar

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GitHub: github.com/ARDHENDU1234 ↗

Portfolio: ardhendu-portfolio.vercel.app ↗

Bachelor of Technology - Automobile Engineering

CGPA: 7.86 (2020 - 2024)

SKILLS SUMMARY

- **Front-End:** React.js, TypeScript, JavaScript, Redux, React Context API, Chakra UI, Tailwind CSS, HTML5, CSS3

- **Back-End & Databases:** Node.js, Express.js, MongoDB, C/C++, Python (basic)

- **Developer Tools:** Git & GitHub, VS Code, Postman, Jira, Vercel, Render, OBS Virtual Camera, MediaPipe

- **Practices & Methodologies:** Agile (Scrum), Code Reviews, Scalable Component Design, UI Performance Tuning

EXPERIENCE

- **Junior Software Development Engineer**   **Jan 2024 – Mar 2025**
  Kinexcs, Singapore (Independent Contractor, Remote)
  Kimia Assess (AI-Driven Musculoskeletal Assessment Platform)

    - Spearheaded resolution of front-end issues and optimized navigation workflows across patient and clinician dashboards using React, TypeScript, and Jira.
    - Delivered responsive, high-performance UIs utilizing TypeScript, Chakra UI, and Tailwind CSS, improving real-time data visualization.
    - Identified UI/UX pain points, implemented multilingual support, and enhanced testing pipelines using OBS Virtual Camera and advanced debugging tools.
    - Engineered scalable admin dashboard features including sorting, filtering, and reporting modules integrated with Redux and RESTful APIs.
    - Designed and enforced RBAC (Role-Based Access Control) across React applications, ensuring secure role-specific functionalities.
    - Enhanced accessibility and user experience by implementing dark/light theme toggling with React Context API and Chakra UI, supporting persistent sessions.
    - Standardized codebases with strict TypeScript typings and integrated MediaPipe for real-time motion tracking within assessments.
    - Strengthened application security by improving form validation, input sanitization, and refining motion tracking logic with rigorous testing workflows.
    - Streamlined admin panel workflows and optimized API-driven UI interactions, boosting data management efficiency.
    - Improved debugging workflows and release cycles through efficient Jira-GitHub integration, ensuring application stability.
    - Contributed actively to Agile ceremonies and mentored peers on Git, React best practices, and debugging strategies.
    - Facilitated knowledge-sharing sessions, onboarding new team members on Git workflows, Agile methodologies, and front-end stacks.

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

    - Led front-end development of scalable React applications, delivering responsive and performant UI components.
    - Translated business requirements into optimized UI/UX solutions, significantly enhancing user engagement.
    - Collaborated with backend teams to ensure seamless API integration and robust data flow within applications.
    - Owned version control, debugging, and performance tuning of front-end deliverables, ensuring on-time project milestones.

PROJECTS

- **Shoppe - Online E-commerce Website (ReactJS, Redux, JavaScript):** Developed an e-commerce platform with 20 dummy products, featuring a product catalog, cart management, and a checkout process. Implemented dark/light mode and state management using Redux for seamless user experience. github.com/Ardhendu1234/Shopee ↗
- **DevDetective (HTML, CSS, JavaScript):** Created a web application integrating GitHub API to search and display user profiles dynamically. Designed a responsive UI with dark/light mode support for enhanced accessibility. github.com/Ardhendu1234/DevDetective ↗
- **Razorpay Homepage Clone (HTML, Tailwind CSS):** Rebuilt the Razorpay homepage with a refined, desktop-centric UI using Tailwind CSS. Optimized for responsiveness and usability across different screen sizes. github.com/Ardhendu1234/Razorpay-Homepage ↗