

Vaskar Chandra Das

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Education

Master of Computer Application Swami Vivekananda University	Barrackpore, West Bengal 2024
Bachelor of Science Honours Kalyani University	Kanchrapara, West Bengal 2019

Experience

iRM Cloud Software Development Engineer II	Sep 2023 – Present Kolkata, West Bengal
<ul style="list-style-type: none">• Enterprise Risk Management System (Internal Audit and Governance, Risk, and Compliance):<ul style="list-style-type: none">* Developed audit system with RBAC/ABAC controls using TypeScript, Next.js and Node.js.* Set up policy-based access control to restrict user module visibility.* Implemented NextAuth.js with Google 2FA for secure, seamless app authentication.* Built design system using Storybook.js and React.js for consistent UI and better team collaboration.* Used WebSockets and Webhooks for real-time dashboard updates, cutting server load and boosting speed 50%.• Information Technology General Controls (ITGC):<ul style="list-style-type: none">* Designed and implemented a key ITGC system using TypeScript, Next.js, and Node.js, ensuring compliance and data integrity.* Created intuitive and responsive user interfaces with Mantine UI library, improving data visualization using Nivo and Highcharts libraries and user interaction, leading to a 20% increase in user satisfaction.* Implemented RBAC, used Node.js for 30% faster response, and added WebSockets for real-time updates.	
Webhibe Technologies Pvt. Ltd. ReactJs Developer	Apr 2023 – Aug 2023 Kolkata, West Bengal
<ul style="list-style-type: none">• E-Commerce and Travel Applications:<ul style="list-style-type: none">* Integrated Stripe for secure payments and real-time inventory with React.js and Node.js for seamless user experience.* Leveraged Next.js for server-side rendering, enabling real-time booking updates.* Implemented auto logout after 30 minutes of inactivity and enforced device-specific login with Firebase Realtime Database, ensuring secure single-device access and enhancing account protection against unauthorized logins.	

Technical Skills

Languages: HTML, CSS, JavaScript, TypeScript, MQL & SQL
Technologies: React.js, Next.js, Storybook, Redux, Express.js, Node.js

Projects

Travel Application <i>Mantine UI Library, Next.js, Node.js, Express.js and MySQL</i>	github/code natours.app
<ul style="list-style-type: none">• Next-generation version in active development. Current MongoDB-based codebase represents previous iteration with partial features. Advanced functionalities still under development.• Implemented JWT authentication, Stripe payments, multer file uploads. Added protected routes, role-based access. Enabled tour filtering, bookings, profile management. Used WebSockets for real-time notifications. Features: favorites, bookmarks, image sharing. MongoDB database, Express.js backend, React frontend.	
MoviePedia <i>Sass & React.js</i>	github/code moviepedia.app
<ul style="list-style-type: none">• Implemented shimmer effect for smooth loading. Applied lazy loading to images. Developed sophisticated filtering and sorting for dynamic movie searches based on various attributes.	
Foodify <i>React.js</i>	github/code foodify.app
<ul style="list-style-type: none">• ReactJS-powered food ordering app with Firebase integration. Features real-time menu updates and simulated ordering system. Demonstrates modern web development skills.	
Expense Tracker <i>React.js</i>	github/code expense.app
<ul style="list-style-type: none">• It is a dynamic React app featuring full CRUD functionality, along with year-wise filtering to efficiently manage and track monthly expenses.	