

# Vaskar Chandra Das

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## Education

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

## Experience

<b>iRM Cloud</b> Software Development Engineer	Sep 2023 – Present Kolkata, West Bengal
<ul style="list-style-type: none"><li>Built an audit system with user access controls (<b>RBAC</b>) using <b>TypeScript</b>, <b>Next.js 14</b>, and <b>Node.js</b> to track and manage user activities.</li><li>Set up <b>policy-based access control</b> to restrict user module visibility.</li><li>Implemented <b>NextAuth.js</b> with <b>Google 2FA</b> for secure, seamless app authentication.</li><li>Built <b>design system</b> using <b>Storybook.js</b> and <b>React.js</b> for consistent UI and better team collaboration.</li><li>Used <b>WebSockets</b> and <b>Webhooks</b> for <b>real-time</b> dashboard updates, <b>cutting server load</b> and boosting speed <b>50%</b>.</li><li>Designed and implemented a key <b>ITGC</b> system using <b>TypeScript</b>, <b>Next.js</b>, and <b>Node.js</b>, ensuring compliance and data integrity.</li><li>Created various <b>user-friendly responsive</b> UI components using modern frontend libraries like <b>Mantine UI</b>, <b>shadcn/ui</b>, and <b>Bootstrap</b> for better <b>user experience</b> and <b>consistent</b> design across platforms.</li></ul>	
<b>Webhibe Technologies Pvt. Ltd.</b> ReactJs Developer	Apr 2023 – Aug 2023 Kolkata, West Bengal
<ul style="list-style-type: none"><li>Integrated <b>Stripe</b> for secure payments and <b>real-time</b> inventory with <b>React.js</b> and <b>Node.js</b> for seamless user experience.</li><li>Leveraged <b>Next.js</b> for <b>server-side rendering</b>, <b>enabling real-time booking updates</b>.</li><li>Implemented <b>auto logout</b> after 30 minutes of inactivity and enforced device-specific login with <b>Firebase</b> Realtime Database, ensuring secure <b>single-device access</b> and enhancing account protection against unauthorized logins.</li></ul>	

## Technical Skills

**Languages:** Core Java, HTML, CSS, JavaScript, TypeScript, MongoDB & SQL  
**Technologies:** React.js, Next.js, Angular, Storybook, Redux, Express.js, Node.js

## Projects

<b>ComponentForge</b>   <i>Tailwind CSS, Next.js, TypeScript</i>	github/code   componentForge.app
<ul style="list-style-type: none"><li>Developed reusable UI components (Select, Input, Checkbox, Table, etc.) and a custom table hook with <b>filtering</b>, <b>search</b>, <b>sorting</b>, <b>pagination</b>, and <b>fuzzy search</b> features.</li></ul>	
<b>MoviePedia</b>   <i>Sass &amp; React.js</i>	github/code   moviepedia.app
<ul style="list-style-type: none"><li>Implemented <b>shimmer effect</b> for smooth loading. Applied <b>lazy loading</b> to images. Developed sophisticated <b>filtering</b> and <b>sorting</b> for dynamic movie <b>searches</b> based on various attributes.</li></ul>	
<b>Foodify</b>   <i>React.js</i>	github/code   foodify.app
<ul style="list-style-type: none"><li><b>ReactJS</b>-powered food ordering app with <b>Firebase</b> integration. Features real-time menu updates and simulated ordering system. Demonstrates modern web development skills.</li></ul>	
<b>Expense Tracker</b>   <i>React.js</i>	github/code   expense.app
<ul style="list-style-type: none"><li>It is a dynamic <b>React</b> app featuring full <b>CRUD</b> functionality, along with year-wise <b>filtering</b> to efficiently manage and track monthly expenses.</li></ul>	
<b>Project Management API</b>   <i>Node.js, Express.js, TypeORM, MySQL</i>	github/code
<ul style="list-style-type: none"><li>Designed and developed a robust <b>Node.js</b> backend API for project management, utilizing <b>TypeORM</b> and <b>MySQL</b>, with integrated <b>authentication</b>, <b>role-based authorization</b>, and full <b>CRUD</b> functionality for projects and tasks.</li></ul>	