

Vaskar Chandra Das

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Education

Master of Computer Application
Swami Vivekananda University

Barrackpore, West Bengal
2024

Experience

Biz Hero India Private Limited
SDE I

Dec 2025 – Present
Kolkata, West Bengal

- Designed and built a **micro-frontend architecture** from scratch using **Webpack 5 Module Federation**, enabling independent deployment and scalable frontend development.
- Managed **application-wide routing** and **state management** across multiple micro-frontends to ensure seamless navigation and consistent data flow.
- Developed a **visually rich dashboard** with **real-time data updates**, delivering responsive and intuitive user experiences.

iRM Cloud
SDE

Sep 2023 – Nov 2025
Kolkata, West Bengal

- Built a secure **Internal Audit, SOD, and ERM** platform with **RBAC** using **TypeScript, Next.js 14, and Node.js**.
- Developed **shareable components** in a **micro-frontend architecture** for scalable audit applications.
- Implemented secure authentication using **NextAuth.js** with **Google 2FA**.
- Created a reusable **design system** with **React.js** and **Storybook.js** for consistent audit UIs.
- Enabled **real-time dashboards** using **WebSockets** and **long polling**, improving response time by **50%**.
- Designed core **ITGC** workflows supporting **Internal Audit, SOD, and ERM** compliance.
- Built **responsive UI components** using **Mantine UI, shadcn/ui, and Bootstrap**.
- Developed a **drag-and-drop form builder** with dynamic validations for audit processes.
- Implemented a **document management system** with a **tree-based** structure for audit evidence management.

Technical Skills

Languages: TypeScript, JavaScript, Core Java, Python
Frontend : React.js, Next.js, Storybook, HTML, CSS , Redux, SCSS, Zustand
Backend : Express.js, Node.js, MySQL, MongoDB
Version Control: Github, Git
UI Library: Chakra Ui, Shadcn, Tailwind CSS, Mantine UI, Material UI
Testing: Unit Testing, Integration Testing, Jest & Vitest

Projects

ComponentForge | Tailwind CSS, Next.js, TypeScript

github/code componentForge.app

- Developed reusable UI components (Select, Input, Checkbox, Table, etc.) and a custom table hook with **filtering, search, sorting, pagination, and fuzzy search** features.

MoviePedia | Sass & React.js

github/code moviepedia.app

- Implemented **shimmer effect** for smooth loading. Applied **lazy loading** to images. Developed sophisticated **filtering** and **sorting** for dynamic movie **searches** based on various attributes.

Project Management API | Node.js, Express.js, TypeORM, MySQL

github/code

- Designed and developed a robust **Node.js** backend API for project management, utilizing **TypeORM** and **MySQL**, with integrated **authentication, role-based authorization**, and full **CRUD** functionality for projects and tasks.

Neostack | Node.js, Express.js, MongoDB, ReactJs

github/code neostack.app

- Built a full-stack real-time chat application using **MERN, Socket.IO, and TailwindCSS**, featuring **JWT-based authentication**, online presence tracking, and image uploads via Cloudinary, while ensuring secure communication, efficient state management with **Zustand**, and a seamless user experience across devices.