

MD TALHA

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EDUCATION

Bachelor of Technology- Computer Science,
Guru Kashi University **CGPA: 8.6**

2018 - 2022

SKILLS

Languages	C, C++, Javascript, Typescript, HTML, CSS
Technologies	ReactJs, EmberJs, Redux, NodeJs, ExpressJs, Socket.io, GraphQL
Database	PostgreSQL, MongoDB
Tools	Webpack, ESLint, Git, Postman

WORK EXPERIENCE

Eronkan Technologies (Software Engineer)

Aug 2022 - Present

- Designed and implemented the frontend for an IoT-based web application, creating data-driven dashboards and real-time panels using **React** and **Redux**.
- Applied **tailwindCSS** for responsive styling, boosting UI consistency and development speed. Built and maintained components with **Storybook** for modular, consistent design integration.
- Developed comprehensive KPIs, dynamic reports, and real-time panels, incorporating various charts and graphs to provide actionable insights directly to the business, aiding in data-driven decision-making.
- Optimized frontend performance through **code splitting**, **lazy loading**, and efficient state management, resulting in faster load times and a smoother user experience.
- Rigorously ensured application reliability through unit testing with **Jest** and **react testing library**
- Tech Stack- **ReactJs**, **Redux**, **Javascript**, **PostgreSQL**

PROJECTS

ShopNow (GitHub - Live)

- Developed an e-commerce platform with the MERN stack (**MongoDB**, **Express.js**, **React.js**, **Node.js**), featuring product listings, a shopping cart, and role-based admin controls.
- Integrated **Razorpay** for secure payments and used **Redux** for efficient state management.
- Ensured robust reliability with **unit** and **integration** tests using **Jest** and **React Testing Library**.

Chatly (GitHub)

- Designed and implemented a full-featured, real-time chat application enabling instantaneous communication between users across different devices.
- Frontend built with **ReactJs**, state management done using **context API**.
- Developed backend using **NodeJs**, **ExpressJs** and **JSON web token** to authorize user. **MongoDb** used as database. Used **socket.io** to achieve real time communication.

NextTask (GitHub Live)

- Developed a Kanban board application using **NextJs** and **Typescript**, with server-side logic handled by **Nextjs server actions**.
- Designed the database schema with **PostgreSQL** and **Prisma**, and ensured data integrity with **Zod** validation.