Jeevan Kumar Korra

+91 8500003192 | jeevankumarkorra2005@gmail.com | jeevankumarkorra.vercel.app | github.com/jeevan10017 |
linkedin.com/in/jeevan-kumar-korra-068726252/

Education

7.36/10.0	**BTech in Manufacturing Science and Engineering**, *Indian Institute of Technology* | Kharagpur, West Bengal	*2022-26*
88.4	**AISSCE (C.B.S.E) - XII**, *Jawahar Navodaya Vidyalaya* |Rangareddy, Telangana	*2020-22*
90.8	**AISSE (C.B.S.E) - X**, *Jawahar Navodaya Vidyalaya* | Nalgonda, Telangana	*2015-20*

Courses: Probability and Statastics | Programming and Data Structures | Operations Research | Linear Algebra | Advanced Calculus
MOOCS: Data Structures and Algorithms | Advanced React | My SQL | Docker | Amazon Web Services EC2

Projects

Mekanika Website *Live link* | *GitHub repository*   *Oct 2023 - Jun 2024*
Built a responsive website from scratch for IIT Kharagpur's Mechanical Engineering society, Mekanika   *IIT Kharagpur*
- Implemented dynamic routing in **React** for blogs, events, courses, and research projects to enhance overall navigation and usability.
- Improved search functionality by 60% using **fuse.js** for fuzzy, **autocomplete**, and **voice recognition** integration across project page.
- Optimized web application interface with **CSS** and **Material UI**, using dynamic styling and **lazy loading** to improve UX significantly.

Virtual White Board *Live link* | *GitHub repository*   *Jan 2024*
Developed a React-based whiteboard app with dynamic drawing tools, leveraging HTML5 Canvas.
- Utilized React's **context API** for state management, enabling smooth **undo**, **redo**, and **erase features** within the application.
- Implemented **drawing tools** like lines, rectangles, and circles, efficiently managing browser events for a seamless user experience.
- Added functionality for downloading whiteboard content as **png files**, ensuring users can easily share their creations with others.

Crypto Portfolio App *Live link* | *GitHub repository*   *Aug 2024*
- Developed a full-stack solution using React, Web3.js, and **firebase** to handle crypto data, **transactions**, and authentication seamlessly.
- Integrated **metamask connection**, **token transfer**, and **watchlist features** with Web3.js for real-time updates & **secure interactions**.
- Implemented a responsive, dynamic UI with Material-UI, providing an intuitive experience tailored to crypto enthusiasts and traders.

Warehouse Management System *Live link* | *GitHub repository*   *Oct 2024*
Built Responsive Warehouse Management app with React, streamlining inventory using Firebase for data.   *IIT Kharagpur*
- Developed a Warehouse Tree View using React, Firebase & Tailwind css optimizing location management with **Tree Data structure.**
- Integrated Firebase **authentication** and utilised **framer-motion** for enhanced UI/UX, ensuring smooth navigation and interactions.

Experience

Equvinoxis, *Full Stack Developer Intern* | Remote   *Nov 2024 - Present*
- Enhanced the codebase by creating robust admin and client-side using MySQL and Redux, ensuring maintainability and scalability.
- Utilized Azure for version control, ensuring seamless collaboration and streamlined deployment processes with the help of AWS.

Social Summer of Code, *Contributor* | Remote   *Jun 2024 - July 2024*
- Contributed to open-source projects by resolving **15+ bugs**, raising issues, and **optimizing code** quality for better performance.
- Led involvement in **Quira's quest** by integrating Shepherd.js, boosting community engagement thru interactive guidance tools.
- Enhanced TrendTrove's product page **usability by 40%** using **sorting**, **filtering**, and customizable styling themes.

Girl Script Summer of Code , *Project Admin - Fitflex* | Remote   *Oct 2024 - Present*
- Led open-source project, improving quality via documentation, **bug fixes**, and features; recognized as the **most active** Project Admin.
- Collaborated with **openCodeCrafters** and mentors to track progress and refine project plans, aligning project goals.
- Managed the contribution workflow by overseeing **PR reviews** and merging contributions from over **100+ contributors** in a month.
- Guided mentors and contributors, **resolving technical** and **workflow queries** on the server to ensure efficient collaboration.

Skills

Programming: C/C++, Javascript, Typescript, Python	**Database:** MongoDB, MySQL, Firestore, Postgress
Technologies: AWS, Docker, Git, Vercel, Netlify, GitHub, Firebase, NodeJs, ExpressJs, cloudflare-workers, Azure	**Frameworks and Libraries:** ReactJs, MUI, Tailwind, Bootstrap, Mantine, Magic UI, framer-motion, hono

Achievements

- Recognised as **Top 1%** Contributor among **3,400+ participants** in Social Summer of Code 2024 for exceptional contributions.
- Achieved a **Grade B+** on my GitHub profile through increased issue contributions, PR reviews and request merges by October 2024.
- Recipient of the exclusive **Dakshana scholarship** in 2020 for **top 1%** JNV students for a 2-year JEE coaching program.

Extra Curricular Activities

- Contributed to setting up **HLS format** Shaka player for video streaming as lead of the **Open Soft team** for General Championship-24.
- Represented MS Hall in the General Championship - 2024 and part of the **Institute Badminton Team (2023 - Present)**.
- Served as the **Centre Superintendent for NDST-2023**, volunteering as a **mentor** for JEE aspirants in JOSSA counselling 2023-24.

Position of Responsibility

Web Head | Mekanika, *IIT Kharagpur*   *Aug 2024 - Present*
- Led a team of four developers, guiding them to create a responsive React.js website for the Mechanical Engineering society, Mekanika.
- Increased student involvement by 50% by enhancing learning experiences and optimizing the website's usability.

Secretary Sports and Games | Meghnad Saha Hall of Residence, *IIT Kharagpur*   *Aug 2023 - Apr 2024*
- Organised and managed practice sessions for various sports, coordinating with captains and guiding over 500 boarders.
- Led efforts to improve sports performance and engagement across the hall, ensuring participation in the illumination - 2023.