

## SKILLS SUMMARY

- **Languages:** JavaScript, Typescript, Python, C++, Node.js, JAVA, SQL, Bash, HTML, CSS, Go
- **Frameworks/Libraries:** Next.js, React.js, Vue.js, Redux, React Native, TailwindCSS, SCSS, Express.js
- **Others:** Docker, Git, GraphQL, PostgreSQL, MongoDB, Linux, AWS, GCP

## EXPERIENCE

- **Bytebeam** Remote - Bengaluru, India  
*SDE I (Internship + Full-time)* Oct 2022 - Jan 2025
  - **Led Major Platform Overhaul:** Re-architected UI / UX for core platform pages handling **50M+ rows of live IoT data**, dramatically improving performance, navigation and reliability.
  - **Scalable Data Visualization:** Implemented **incremental loading and virtualized rendering** across dashboards and dropdowns, **reducing initial load time by 70%** and ensuring fault isolation per panel. Built and optimized **real-time dashboards** (fleet & device views) with **resizable charts**, bar graphs, geofencing, session panels, and device control interfaces for thousands of unique dashboards.
  - **Platform-Wide RBAC:** Implemented a comprehensive, platform-wide Role-Based Access Control (RBAC) system, enabling granular, **hierarchical permissions** (e.g., View, Edit, Create, Delete) for all major components including dashboards, alerts, device management and actions.
  - **Ownership:** Owned the end-to-end development of critical platform sections from the ground up. This includes the **Live OTA Actions module with Phased Rollouts** for controlled firmware updates, a comprehensive **Alerts Dashboard with live log visualization** and alert trigger notifications via SMS, Email and WhatsApp, driving **increased user responsiveness**, and a **DBC Parser Management interface**.
  - **Proprietary UI Library & Advanced Components:** Spearheaded creation of a proprietary UI library successfully migrating the platform from third-party dependencies to achieve greater customization and control; shipped components **from-scratch** like **virtualized nested multiselect dropdowns**, collapsible accordions, nav-tabs, etc. ensuring design consistency and faster dev velocity.
  - **Optimized Data Interaction & UX:** Engineered performant **server-side filtering**, sorting, and **paginated search** across massive datasets. Overhauled the application's routing logic. Built **partial search functionality** into device filters and dashboards with support for **chained and multi-value filters**. Enabled seamless multi-project access in-browser with persistent session support
  - **System Analytics & Meta-Monitoring:** Built **self-referential monitoring dashboards** to analyze platform health (pod crashes, memory issues) using the platform itself, **aiding DevOps workflows**.
- **Lost Ferry Interactive** Remote - Mumbai, India  
*Frontend Engineer (Contract)* Jan 2022 - Oct 2022
  - **Overtook various client projects and collaboratively delivered them end to end:**
    - **Flameback Capital:** Developed a customized algorithm-based investment portfolio platform. (**Team member**)
    - **CHZ Cycling:** Developed an e-commerce storefront of CHZ Cycling.
    - **Satma CE:** Developed a SaaS-based operational traceability platform tailored for the circular economy and waste management sector. (**Team member**)

## OSS CONTRIBUTIONS

- **OnlyDust:** Actively contributed to numerous open source projects through hackathons. [See: Profile](#)
- **Starknet React:** A library providing collection of React hooks for building Starknet dApps, inspired by wagmi & powered by starknet.js. Helped in parallel wallet polling, improving performance and reliability of wallet connection handling. [See: PRs](#)
- **Walnut:** Walnut helps debug and simulate Starknet transactions via error monitoring and gas profiling. Contributed to their oss tools like **SuperScan** (transaction explorer tailored for the OP Stack. [See: PRs](#)) and **Starkflare** (resource usage monitor of rollups in the starknet ecosystem. [See: PRs](#)) by developing UI pages from scratch.
- **Other contributions:** [Kararot](#) [Dojo](#) [Joyboy](#) [Starknet-Quest](#) [Starknet-Scaffold](#) [AFK](#)

## PROJECTS

- **Pasteez - Create and Share beautiful code snippets with ease (Web Development):** A Web app for secure code snippet sharing with automatic syntax highlighting, AES256 encryption, and Base64 encoding. Implemented a feature for exporting code snippets as images with aesthetic backgrounds, complemented by smooth routing animations using Framer-Motion. **Tech:** React.js, FramerMotion, MongoDB, Express.js (November '21)
- **BrightUp Electrical - Client Website:** Marketing landing page for a professional residential and commercial electrical solutions company **Tech:** Next.js (October '23)
- **CinemaCrate - Movie Database (Web Development):** Integrated TMDB API to build a comprehensive movie and TV show database, showcasing proficiency in API integration with a clean and user-friendly interface from scratch. **Tech:** HTML, CSS, Javascript (November '20)

## EDUCATION

- **Charotar University of Science and Technology** Anand, Gujarat, India  
*Bachelor of Technology - Computer Engineering; CGPA: 9.6* July 2019 - June 2023  
*Courses:* Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Cloud, Networking, Databases