Saheb Giri

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EDUCATION

- **Institute of Technical Education and Research** — Bhubaneswar, Odisha
  Bachelor of Technology - Computer Science and Information Technology; CGPA: 9.54 — *Aug 2020 - Ongoing*
- **DAV Public School** — Baharagora, Jharkhand
  Intermediate/+2; Percentage: 93.8% — *Aug 2018 - June 2020*
- **SVS Residential School** — Baripada, Odisha
  Matriculation; Percentage: 96% — *Aug 2012 - June 2018*

SKILLS SUMMARY

- **Languages**: JavaScript, Typescript, Python, C/C++, Java, Go, SQL
- **Libraries/Frameworks**: React, NextJS, NodeJS, Express, NestJS, Jest, FastAPI
- **Tools**: Docker, Git, GitHub, PostgreSQL, MySQL, MongoDB
- **Platforms**: Windows, Linux, AWS

EXPERIENCE

- **Caravel** — Remote
  Fellow, Frontend
  - Collaborated on Plane (17K stars), an open-source product management tool, making 27 valuable commits to enhance features, usability, and overall performance.
  - Engineered intuitive command+k interfaces using **Tailwind CSS**, resulting in a 40% reduction in mouse clicks and improved accessibility for users, enhancing overall usability.
  - Spearheaded the design and implementation of a mobile-responsive Linear style interface in **TypeScript**.
- **MathonGo** — Remote
  Frontend Developer Intern — *Sep 2022 - Dec 2022*
  - Optimized performance by 50% through the implementation of efficient API call handling and client-side caching with **React Query**, resulting in a seamless user experience and reduced backend resource consumption.
  - Rewrote secured test preparation platform for competitive examinations in **NextJS**.
  - Introduced notebook features to save questions, tag them and revisit later.
- **Vaizle** — Remote
  Software Developer Intern — *Jul 2022 - Sep 2022*
  - Developed **Angular-based** analytics tools for analyzing LinkedIn and YouTube accounts.
  - Delivered a **REST API** for internal tools in **NestJS** that runs as a serverless function in **GCP**.

PROJECTS

- **BetaBuzz - Creating a buzz around the latest beta products**
  ExpressJS, NextJS, AWS, MongoDB — *July 2023*
  - Build **recursive comment system** in **React** adapted from Reddit.
  - Utilized the **AWS S3** to securely store and manage user generated content.
  - Integrated the **Stripe** payment gateway for seamless **subscription management**, enabling users to subscribe to premium features and providing a smooth and secure payment experience.
- **Codefusion - Platform to solve computationally challenging problems**
  NextJS, tRPC, Tailwind CSS, React Query, PostgreSQL — *June 2023*
  - Built a custom web-based **text editor** that supports **markdown** and **latex**.
  - Implemented **role based access control** allowing admin to manage questions.
  - Strengthened type system by introducing end-to-end type safe API using tRPC.
  - Added rate limiting using middleware to **serverless** functions that run on the edge.

HONORS AND AWARDS

- Solved 200+ questions on various competitive platforms.
- Runner's Up in Code-O-Soccer at IIT Kharagpur - Sept, 2021
- Achieved recognition for winning SummerHacks - May, 2021
- Awarded with beginner explorer in Hackbenchers - Sept 2020

VOLUNTEER EXPERIENCE

- **Coordinator at Codex, Coding Club** — Bhubaneswar, Odisha
  Developed and collaborated with teams to build web app used by over 3000 students. — *May 2022 - Present*