

# Saheb Giri

Portfolio: [iamsahebgiri.vercel.app](https://iamsahebgiri.vercel.app)  
Github: [github.com/iamsahebgiri](https://github.com/iamsahebgiri)

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## EDUCATION

- Institute of Technical Education and Research**  
*Bachelor of Technology - Computer Science and Information Technology; CGPA: 9.18*  
Bhubaneswar, Odisha  
Aug 2020 - Ongoing
- DAV Public School**  
*Intermediate/+2; Percentage: 93.8%*  
Baharagora, Jharkhand  
Aug 2018 - June 2020
- SVS Residential School**  
*Matriculation; Percentage: 96%*  
Baripada, Odisha  
Aug 2012 - June 2018

## SKILLS SUMMARY

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

## EXPERIENCE

- MathonGo** Remote  
*Frontend Developer Intern*  
Sep 2022 - Dec 2022
  - Improved performance by reducing redundant API calls, enabled client side caching with **React Query** and optimized media assets.
  - Ported legacy **React** project to **NextJS** and employed various data fetching methods.
- Vaizle** Remote  
*Software Developer Intern*  
Jul 2022 - Sep 2022
  - Developed **Angular-based** analytics tools for analyzing LinkedIn and YouTube accounts.
  - Implemented a **REST API** for internal tools in **NestJS** that runs as a serverless function in **GCP**.

## PROJECTS

- Fermat - Platform dedicated to a set of computationally challenging problems**  
*NextJS, tRPC, Tailwind CSS, React Query, PostgreSQL*  
July 2022
  - Solve technically challenging problems to earn points and badges.
  - Built a custom web-based text editor that supports markdown and latex.
  - 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.
  - Implemented role based access control allowing admin to create and update problems.
- Linctree - A tool to help you share everything you are, in one simple link**  
*Next JS, Firebase, Chakra UI*  
Jan 2021
  - Implemented drag and drop of links to arrange them.
  - Handled all states of the application including error, empty and loading.
  - Pre-rendered the profile page and cached them in the CDN.
- SoundSky - Play and download short ringtones online**  
*Vue JS, Bootstrap, SASS*  
July 2020
  - Created a serverless function to hide API keys which fetch access tokens from Spotify API.
  - Designed a custom audio player and managed different states.
  - Implemented dark mode and search bar

## HONORS AND AWARDS

- 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 of ITER**  
*Developed and redesigned its website from scratch with other fellow coordinators.*  
Bhubaneswar, Odisha  
May 2022 - Present