

# Soumith Vardhan Sunkari

+91 9705215671 | [soumithvardhan06@gmail.com](mailto:soumithvardhan06@gmail.com) | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

## EDUCATION

**Gokaraju Rangaraju Institute of Engineering and Technology**

*Bachelor of Technology in Computer Science (CGPA : 8.53)*

Hyderabad, TG

Nov. 2021 – May 2025

**Sri Chaitanya Junior College**

*Intermediate, MPC (Percentage : 97.2)*

Hyderabad, TG

Aug. 2019 – May 2021

**Dr KKR's Gowtham Concept School**

*Secondary Board of Education (CGPA : 10)*

Hyderabad, TG

Jun. 2018 – Apr 2019

## TECHNICAL SKILLS

**Languages:** C/C++, Java, JavaScript, TypeScript, SQL, HTML/CSS

**Frameworks:** Next.js, Express.js, Tailwind CSS, React, Node.js, Cloudflare Workers, Hono

**Developer Tools:** Git, Docker, AWS, VS Code, MongoDB Compass, Postman

**Libraries:** React.js, Axios, Recoil

**Database:** PostgreSQL, MongoDB, SQL

## PROJECTS

**Walletapp** | *Turbo Repo, WebSocket, React, Next.js, Express, Prisma, TypeScript, Docker* | [Github-W](#) | [Github-B](#)

- Efficient monorepo management, enabling streamlined development and easy scalability.
- Real-time updates ensure that users receive instant notifications of their transactions. The dynamic and responsive UI built with React and Next.js enhances the user experience with fast loading times and smooth navigation.
- Express a robust backend framework used to build our webhook server, ensuring reliable handling of transaction updates and secure communication between services.
- A powerful ORM that simplifies database management with type-safe queries, making it easier to handle complex database operations and maintain data integrity.
- TypeScript provides a type-safe codebase that helps catch errors early in the development process, improving code quality and maintainability.
- Docker simplified development, testing, and deployment by containerizing applications, ensuring consistent environments across all stages of the development lifecycle.

**Medium Blog Website** | *Cloudflare, Hono, TypeScript, PostgreSQL, Prisma* | [Live](#) | [Github](#)

- Developed functional components using React, TypeScript, and Tailwind CSS, incorporating state management and static type definitions to enhance code quality and maintainability.
- Built the backend with Cloudflare Workers and Hono, leveraging a serverless architecture and a high-performance web framework.
- Utilized Prisma ORM with PostgreSQL to implement CRUD operations for user accounts and blog posts, ensuring secure authentication with JWT.
- Published a custom npm package for consistent input validation across frontend and backend using Zod.

**BigIntegers in C++**

- Developed a custom BigInt class to handle integers larger than what standard primitive types can accommodate, specifically targeting up to 22-digit numbers.
- Applied the BigInt class for calculating large Fibonacci numbers, Catalan numbers, and factorials, demonstrating its capability to handle complex mathematical computations.
- Added functionality to initialize BigInt from strings and convert BigInt values to strings for display and processing.

## CERTIFICATIONS

**Full Stack Web Development Course (100x devs)** | [Link](#)

**Certified Hyperledger Developer** | [Link](#)

**Mastering Data Structures & Algorithms using C and C++** | [Link](#)

**Data Science for Engineers** | [Link](#)

**Data Analytics with Python** | [Link](#)