Sahil Sonawane

Bachelor of Technology
Indian Institute of Information Technology Allahabad

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EDUCATION

- **Indian Institute of Information Technology, Allahabad** — *2022-26*
  B.Tech in Information Technology(Minor in Entrepreneurship) — CGPA: 8.68
- **Vidhyadham College of Sciences** — *2022*
  Senior Secondary: MSBSHSE -Maharashtra State Board — Percentage: 93.67
- **Grace Academy** — *2020*
  Secondary: MSBSHSE - Maharashtra State Board — Percentage: 96.00

TECHNICAL SKILLS AND INTERESTS

Languages: C++, C , JavaScript, TypeScript(basic), Java (basic), SQL

Libraries & Frameworks : C++ STL, ReactJs, ExpressJs, LaTeX

Web Dev Tools: HTML, CSS, NodeJs, Git, Github, Linux

Databases & Tools: MongoDB, Relational Database (RDBMS)- SQL/MySQL, GraphQl, NodeJs, Git, Github, Linux

Relevant Coursework: Data Structure, Design and Analysis of Algorithms, Operating Systems, Object Oriented Programing, Database Management System, Principles of Programming Languages

PROJECTS

- **UniPay** ⧉

  A Full-Stack Payment Wallet

  – Developed a Web2 wallet for university students to track expenses and facilitate daily transactions in canteens,etc
  – Co-authored the project frontend using the ReactJS framework, explored and integrated ShadCN and Toasters into the project enhancing user experience by 30 %.
  – Technology Used: React Js, Node Js, MongoDB, Express Js

- **Unused GraphQL Fields** ⧉

  GraphQL Utility Packagae

  – Developed a custom solution to analyze data coming through GraphQL queries, effectively identifying and addressing 100% of previously unused data across the website by pinpointing inefficiencies.
  – Implemented custom hooks `useTrackedQuery`, `useTrackedLazyQuery`, `useTrackedData` to track and monitor unused fields in GraphQL queries, enhancing application performance.
  – Technology Used: GraphQL,Apollo,TypeScript

- **Apna Java Editor** ⧉

  A Java Integrated Development Environment

  – Developed a Java Program compiler utilizing Object-Oriented Programming, capable of compiling and executing Java programs using JVM and JRE.
  – Allows users to create, modify, and delete Java files, as well as customize the editor's background theme and color.
  – Technology Used: Java, Java FX, Java Swing

ACHIEVEMENTS

Top 30 - *IIIT-A* : Ranked among **Top 30** in batch of 550+ students in terms of Academic grades

Knight - *LeetCode* ⧉ : Secured Global Rank **485** in LeetCode Biweekly Contest **133** and many more

Specialist - *CodeForces* ⧉ : Secured Global Rank **524** in Codeforces Round **913** (Div 3) and many more

3 Star - *CodeChef* ⧉ : Secured Global Rank **18** in CodeChef Starters 117 (Div 3)

Google Farewell : Global rank **3431** in the Google Farewell (Round A)

OutOfContext : Won First Prize at OutOFContext Hackathon under Fresher Category organised by GeekHaven,2022

JEE : Qualified JEE Advanced & JEE Mains with **AIR 4819 & 2024** respectively

NTSE Scholar : Recognized by the Govt of India with the prestigious **"National Talent"** title for excellence in the National Talent Search Examination, placing in top 1000 out of over 1 million participants

OTHER : Cracked MHTCET with **AIR 64** , Qualified BITSAT with score **310** , Received **SHE INSPIRE Fellowship** from Maharashtra Government for Academic Excellence

POSITIONS OF RESPONSIBILITY

- **Senator, Technical Council:** Students Gymkhana (Student body of IIITA) — *Apr 2022- Present*

  – Elected and solved real-life students' problems, Led a team of 250+ students in council, overseeing the curation, promotion, and management of technical fests, workshops, and seminars to enhance the campus experience
  – Helped in the smooth conduct of Tech Fest Aprokasha and Hackathons like HackOut, OpenCode, etc.

- **Executive, Effervescence:** Cultural Fest, IIIT Allahabad — *Apr 2022*

  – Led Filming Department,Filmed Effervescence events with 5000+ footfall, managed social media handles and reach 20,000+ users,Held postion of Senior Member of Accoustic and Media Society of IIIT Allahabad.