

Sai Nikhila B

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📍 Chennai, India



EDUCATION

Bachelor of Technology in Electronics and Communication Engineering,
VIT University

Jul 2016 – Jun 2020 | India

CGPA: 3.99/4 (Recipient of the VITEEE Merit Scholarship)

High School, PSBB Senior Secondary School

Jun 2000 – May 2016 | India

Class 12 : 94% (Math + Physics + Chemistry + Economics + English)

Class 10: 10/10

PROFESSIONAL EXPERIENCE

Gap Inc.

Software Engineer

Jun 2020 – Mar 2022 | India

- Owned and developed a 'Workspace Booking' application: Rolled it out to Gap Inc. offices in Asia (Hong Kong) which started opening post-COVID19. The app was highly beneficial in avoiding overcrowding and created a seamless desk booking/ check-in experience for the employees. Was presented the **EXCEED AWARD** for this accomplishment.
- Customized and launched an interview scheduling tool using Graph API, PowerShell. It is currently being used by 300+ Old Navy, GAP and Athleta stores.
- Participated in the GapTech Innovation Day Hackathon 2020 and was announced as the **Winner** with the **Most Advanced Prototype**.
- Executed org-wide changes to retire the use of non-inclusive language and substitute it with inclusive language over the entire Gap Inc. tenant.
- As a part of the End User Engineering team, managed the governance of 10+ PaaS/SaaS solutions for 35,000+ employees.

Summer Intern

May 2019 – Jul 2019 | India

- Built an interactive internal support application on Azure cloud to effectively address employee queries, integrated the same into Teams.

Schneider Electric, Summer Intern

May 2018 – Jun 2018 | India

- Worked on embedded programming, design, and functioning techniques of microprocessors in MCCBs and RCBs

PROJECTS

Smart Irrigation System

Apr 2019

Proposed a solution combining IoT and robotics to ease drought in the farms of Vellore. NodeMCU modules were programmed in C++, and sensors were used to log data into the ThinkSpeak cloud server. After analyzing the collected data, the water pump threshold was adjusted by correlating it with the crop information in the database.

Image Steganography using AES

Apr 2019

The Advanced Encryption Standard algorithm was implemented in Python and LSB steganography was used to embed the ciphertext into an image making it undetectable to hackers. Adopting one of the most robust encryption standards (AES) in combination with steganography provided a robust system with high network security for data transmission.

ORGANIZATIONS

Zomato Feeding India

Dec 2020 – present | India

Active organiser/volunteer in the city's food drives.

Toastmasters International, Secretary and Mentor

Jan 2017 – Jul 2019 | India

As an active public speaker, delivered multiple speeches/evaluations and won awards for the same. Organized IEYS (India Emerge Youth Summit) with 400+ audience and area contests as the contest chair. As a **Mentor**, guided students in speech delivery and leadership roles. Certified as **Competent Communicator** and **Competent Leader**.

GGB Social

Mar 2018 – Apr 2019 | India

Part of the public relations team and a weekend teaching volunteer at neighboring foster care centers: taught math

SKILLS

- Programming : Java, C++, PostgreSQL, HTML, CSS, Javascript, PowerShell, Bootstrap, Python
- Technical: Good knowledge of Object Oriented Programming, Algorithms and Data Structures, Operating Systems, Active Directory, Azure AD, Exchange Servers, DBMS, Information protection and governance, Microsoft Certified : Azure Fundamentals

TEST SCORES

GRE: 323/340- 168Q, 155 V, 4 AWA

TOEFL: 117/120- 30R, 30L, 30S, 27W