

Aditya Seth

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EDUCATION

- **Techno Main Salt Lake** Kolkata, India
Bachelor of Technology - Computer Science & Engineering; GPA: 9.0 July 2021 - June 2025
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

SKILLS SUMMARY

- **Languages:** C/C++, Python, Java, HTML, CSS, PHP, JavaScript, TypeScript, Kotlin, C#
- **Frameworks:** ActiveX, .NET, Scikit, Django, NodeJS, React Js, Next Js
- **Tools:** MySQL, MongoDB, Kubernetes, Jenkins, Docker, Git, BitBucket
- **Platforms:** Linux, Web, Windows, Amazon Web Service, Google Cloud Platform, Oracle Cloud
- **OSs:** Windows (11, 10, 8.1, 7, XP), Zorin, Gentoo, Ubuntu, Arch, NitruX, Fedora, Ubuntu Unity, Elementary OS, Kali Linux, Manjaro, Cent OS & Chrome OS
- **Soft Skills:** Leadership, Event Management, Public Speaking, Writing, Time Management

EXPERIENCE

- **GotoGrowth** Remote
Technical Content Architect (Internship) Jan 2024 - April 2024
 - **Content Development:** Created compelling content for digital platforms including blog posts, social media, and website copy, collaborating with the marketing team.
 - **Market Analysis and Data Analysis:** Conducted industry research and competitor analysis to inform content strategy, ensuring relevance and originality.
 - **Content Review and Quality Assurance:** Edited and proofread content for accuracy and consistency, adhering to brand voice and style guidelines.
- **IIC TMSL** Hybrid
Software Developer (Full-time) Oct 2022 - August 2023
 - **Actively made and contributed to four projects:** Within the first quarter, I improved the website (HTML, CSS, Js) for smoother functioning. I also fixed a few bugs.
 - **Migrated the entire code-base to a different framework:** Analyzing the market demand and better features, I then switched to a different framework (Next Js and Tailwind CSS) and I made the current official website. It is the official website of IIC TMSL, the official e-cell by the Ministry of Human Resource Development, Govt. of India, for Techno Main Salt Lake.
 - **Got a team and worked on two public projects:** I was the Project Leader here, leading a team of 6 students. We made Envisage, the website for the official E-Summit of Techno Main Salt Lake. It was the platform for budding entrepreneurs to showcase the power of their ideas and to be appreciated and mentored by the best in the fields. The website was made in Next Js and TailWind CSS.

PROJECTS

- **Audio-SpectraCLI (PyPI Link):** I created a Python module (globally accepted on PyPI) that provides real-time FFT visualization of audio spectra. It captures audio input from the microphone and displays the corresponding frequency spectrum directly in the terminal window, allowing users to monitor and analyze audio signals without the need for additional interfaces. **Tech: Python. (Feb '24)**
- **PymPay (GitHub Link):** I built this web-based application that allows users to perform various banking operations such as deposit, withdraw, transfer, export statements in up to three formats, and check balance. The application has separate access for admin, client, and staff roles with real-time database updating. **Tech: JavaScript, PHP. (November '23)**
- **Microsoft Aurora Kolkata '23 (Deployed Link):** I and two others collaborated and built this website for the upcoming Microsoft event scheduled to be held in Kolkata, West Bengal. It has dynamic webpage and Townscript API built into it. **Tech: HTML, CSS, Js. (August '23)**
- **IIC TMSL v2.1 (Deployed Link):** It is the official website of IIC TMSL, the official e-cell by the Ministry of Human Resource Development, Govt. of India, in Techno Main Salt Lake. Features include: Dark Mode, Dynamic Webpages, and more. **Tech: Next Js, TailWind CSS. (April '23)**
- **2048 - Android Game (GitHub Link):** 2048 is a popular puzzle game where with each swipe, tiles of the same number merge into one, doubling their value. The goal is to strategically merge tiles to create higher numbers while preventing filling up completely. It's a simple yet addictive game that challenges players' logic and strategy skills. **Tech: Kotlin. (October '22)**

ACHIEVEMENTS

- **Achieved the Knight rank in LeetCode with a peak rating of 2001. Solved 470+ problems, and a 6 star on HackerRank:** *LeetCode HackerRank*
- **Cleared the Google ACE Certification Exam with 98% marks:** *Google Directory Profile*
- **Cleared the Microsoft DP-100 Exam (930 out of 1000), AI-900 Exam (928 out of 1000), and AZ-900 Exam (985 out of 1000):** *Microsoft Certification Profile*
- **Co-Led the DevOps Team of GDSC TMSL and mentored over a total of 200+ students for the Google Cloud Pathways (of Techno Main Salt Lake and St.Xaviers as well):** *Blog+LinkedIn Post*
- **Selected as a Beta Microsoft Learn Student Ambassador (MLSA) and a HackerEarth Campus Expert (HECA), along with prestigious positions:** *Experience Records*
- **Completed 53 badges & 14 trophies on Microsoft Learn & achieved the Silver league in Google Cloud Skillboost Portal:** *Microsoft Learn Google Cloud Profile*
- **Contributed to on-ground Google Developer Group events, Tensorflow UG events, CNCF events, etc. reaching more than 2800+ attendees:** *Volunteering Records*