Saumya

 LinkedIn   GitHub   </> LeetCode

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EDUCATION

- **Indian Institute of Information Technology, Lucknow**   Lucknow, India
  Bachelor of Technology in Information Technology; CGPA: 7.9/10   *Aug. 2021 - Jun. 2025*
- **City Montessori School, Kanpur Road Campus**   Lucknow, India
  Indian School Certificate (ISC); Percentage: 97.75%   *May. 2019 – Jul. 2021*

EXPERIENCE

- **Microsoft | Software Engineering Intern** ⬀   Hyderabad, India
  SCHIE (Cloud Readiness Certified) Team   *May. 2024 - Jul. 2024*
  - Worked on the **DevOps** side - manually ran, tested and onboarded the **GPU Burn Workload/Benchmark** (first GPU stress workload on Linux) on the Azure portal - **which has upto 99% lesser setup time**, using Virtual Client for the upcoming B100 and GB200 programmes.
  - Also contributed in the onboarding of **GPT 3.0 Training Workload** - worked on researching about GPT 3.0 Training Workload (**will save upto 60% of time to avail the dataset for future use**) and how it is better than MLPerf's previous workload on the VC, i.e.,Bert , downloaded the dataset and configured it for NVIDIA's DGX A100 machines.
  - **Learnt to extensively work on the Azure Portal, use Linux Virtual Machines, code on C#, shell scripts and JavaScript, implemented and got a high level idea of the concepts of Cloud Computing, Asynchronous Programming, Object Oriented Programming, Operating System, Computer Organization and Architecture.**

PROJECTS

- **Portfolio Website** ⬀
  Techstack : *HTML, CSS, JavaScript*   *Mar. 2023*
  - A meticulously crafted online showcase of my technical prowess and creative skills, designed to exhibit a diverse range of projects and achievements.
  - **Elevated LinkedIn profile visibility with a 124.5% increase** in impressions and substantial growth in followers within 90 days after hosting Portfolio Website on GitHub. ⬀

- **Realtime Chat Application** ⬀
  Techstack : *ReactJS, NodeJS, CSS, ChatEngine.io*   *Jan. 2023*
  - Implemented a Real-time Chat Application, enhancing my understanding of APIs and reinforcing my grasp of academic coursework in **Data Structures and Algorithms, Full Stack Web Development/Software Development, Backend Development, User Experience (UX) Design, and Software Engineering.**
  - A scalable and real-time application **that supports group chats, 1-on-1 chats, real-time messaging, image and file support and read receipts.**

ACHIEVEMENTS & CERTIFICATIONS

- **Awarded 3rd Prize by Council of Science & Technology, Uttar Pradesh (UPCST):** ⬀ Awarded 3rd Prize for developing a **Rabies Eradication System using Machine Learning** on National Technology Day 2024.
- **TVS Credit E.P.I.C 5.0 - IT Challenge:** ⬀ Made it to the **top 0.68% as one of the top 350 candidates out of 51,415 applicants** in TVS Credit E.P.I.C 5.0 - IT Challenge.
- **Finalist in Flipkart Runway Season 3:** ⬀ Made it to the **top 150 candidates out of 16,990 applicants.**
- **Microsoft Azure #Include⟨Her⟩ Cohort 2.0:** ⬀ Chosen as **one of the top 100 candidates** for specialized training in preparation for the Microsoft Azure AI-900 Certification Examination.
- **AWS AI&ML Scholar - Winter 2023 Cohort:** ⬀ Recipient of the AWS AI&ML Scholarship, gaining **Udacity Nanodegree Program** scholarship, mentorship, and career development for ML skills.
- **LeetCode:** ⬀ Contest Rating on LeetCode is **1657 which is amongst the top 15.76%** on the platform.
- **Goldman Sachs Software Engineering Virtual Experience Program:** ⬀ Completed 'Goldman Sachs Software Engineering Virtual Experience Program' with Forage.

SKILLS

- **Programming Languages:** C++, C, C#, Java, Python, HTML, CSS, JavaScript, NodeJS, ReactJS, SQL
- **Data Structures and Algorithms (DSA):** Intermediate Level
- **Academic Coursework:** Computer Science, Operating System, Object Oriented Programming, Database Management System
- **Other Tools:** Git, GitHub, Visual Studio, Docker, MS Excel, MS Word, MS PowerPoint, Figma, Canva
- **Soft Skills:** Teamwork, Leadership, Communication, Problem solving, Analytical, Adaptibility, Creativity

POSITIONS OF RESPONSIBILITIES

- **Convener**, Equinox'24 (5th edition of the annual techno-cultural fest of IIIT Lucknow) ⬀
- **Organizer & Marketing/Communications Lead**, TEDxIIITL ⬀
- **Student Coordinator**, CREATE - Incubation Center of IIIT Lucknow ⬀