

SHUBHAM PHOGAT

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EDUCATION

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|---|-----------|---|-----------------------------|
| BTech (Mathematics and Computing Engineering) | 2021-2025 | Delhi Technological University, New Delhi | 7.92 (CGPA till semester 6) |
| CBSE (Class XII) | 2019-2021 | Masonic Public School, New Delhi | 87.6 % |
| CBSE (Class X) | 2019 | Masonic Public School, New Delhi | 90.4 % |

EXPERIENCE

Zormor | Software Engineer Intern

May 2024 – August 2024 | London(remote)

- Engineered the **frontend** for the company's primary website using **nuxt.js**, **deployed** a **Nuxt.js** user screen for the admin to list, search and filter users by profiles, significantly enhancing user **management efficiency**.
- Devised an admin access feature for efficient oversight of user accounts without requiring login credentials, cutting response time by **40%**.
- Established a business page with functionalities to view, add, edit, or create business profiles, enhancing business account management capabilities.

GrappiTech | Frontend Engineer Intern

August 2024-July 2024 | New Delhi(remote)

- Contributed to the development of a diverse collection of **reusable web components**, including navbars, hero sections, landing pages, buttons, and more.
- Enhanced an **open-source** project by developing and refining freely available components for public use and customization.
- Secured **cross-platform compatibility** for all components across different browsers and devices, ensuring a consistent experience for all users.

PROJECTS

MS Interiors | Github | Website

- Co-led the development of an interactive **interior design** platform using the **MERN stack**, effectively managing over **100 active users** and empowering clients to visualize and plan their home interiors.
- Implemented a chatbot handling **200** requests per minute and developed a **kitchen cost calculator**. Analyzed chatbot data to model frequent queries, optimizing performance with a focus on **analytical thinking** and **attention to detail**.
- Designed and executed an **admin panel** for efficient content management, reducing management time by **50%** and ensuring the website remained up-to-date and relevant.

Delightful Dine | Github | Video

- Designed and deployed a **dynamic**, user-centric restaurant website, integrating **Stripe** for secure transactions, reducing processing time by **50%**, and boosting payment security.
- Developed and implemented a **heat map** feature to analyze popular dishes and user preferences, accelerating data processing by **40%** and improving analysis accuracy by **30%**.
- Architected a secure **admin panel** for streamlined user access and data management, reducing access issues by **60%**, while delivering customized solutions that enhanced system responsiveness by **35%** and cut deployment time by **25%**.

Alpha Sound AR | Github | Website

- Developed an innovative **AR-based** feature for real-time mixing and control of musical instruments, enriching children's **learning** of alphabets and words through engaging, interactive experiences, significantly improving retention and making learning enjoyable.
- Implemented **Howler.js** for efficient audio playback management, enabling seamless transitions between song versions and **synchronization** of specific instruments.
- Leveraged **A-frame**, **AR.js**, and **A-frame** extras for advanced AR functionalities, and Howler.js for smooth audio playback, while leading research and analysis to craft innovative solutions for enhancing **educational** experiences.

SKILLS

- Programming Language:** C | C++ | JavaScript | SQL
- Frameworks/ Libraries/Others:** Node.js | Express.js | React.js | NuxtJS | Rest Api| Bootstrap | CSS | Tailwind CSS | Git | Github
- Database:** MongoDB | MySQL | Firebase
- Core Subjects:** Object Oriented Programming | Database Management System | Operating System | Computer Networks | Data Structures and Algorithms

ACHIEVEMENTS AND AWARDS

- Secured **101** rank in CodeChef's Starters 149 contest div 2.
- Solved **800+** DSA problems on Leetcode.
- 3 starts on Codechef (max rating: 1712)
- Winner at **St Microelectronics Stimulation** round 2024
- Winner at **IdeaHub 2.0** The Space Edition organized by the TechCider Club of NMIMS Navi Mumbai at IGNITE 7.0 TechFest.

OTHER INFORMATION

- Codechef • Github • Leetcode • LinkedIn