INESH DHEER

SOFTWARE ENGINEER

CONTACT

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📍 Gachibowli, Hyderabad

🌐 https://idheer.github.io/

SKILLS

- Programming Languages: C, C++, Python, JavaScript, SQL, Assembly Language
- Web Development: HTML, CSS, Tailwind CSS, MERN Stack (MongoDB, Express.js, React.js, Node.js), Flask
- Embedded Systems: Arduino Programming
- Version Control: Git & GitHub
- Generative AI: Hands-on experience with modern AI models and frameworks
- Creative Tools: Adobe Premiere Clip, Autodesk Fusion 360 for 3D design
- Document Preparation: LaTeX for academic and professional paper writing

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Punjabi (Basic)
- Sanskrit (Basic)

PROFILE

I am a dedicated and driven individual from Chandigarh, India, with a passion for technology and continuous learning. With a strong academic background and consistent achievements, I have demonstrated excellence through my work and projects. Alongside technical expertise in programming, web development, and AI, I actively contribute to research, tackling complex challenges with innovative solutions. A hardworking and adaptable team player, I approach challenges with a proactive mindset, always ready to grow. My hobbies, including powerlifting, bodybuilding, photography, and music, reflect my well-rounded personality and dedication to personal development.

ACHIEVEMENTS

- Secured AIR 54 in IIIT Hyderabad's UGEE.
- Ranked in the 99th percentile in JEE Mains, with a perfect 100th percentile in Physics.
- Excelled academically with 97.4% in 10th boards and 94% in 12th boards.
- Recognized as an NTSE Stage 1 scholar with a top 5 UT rank.
- Earned numerous accolades, including 26 gold medals, 12 silver medals, and 1 bronze medal in SOF Olympiads.
- Achieved zonal rank 1 in the Green Olympiad 2018.
- Secured a top 3 finish in a French photography competition organized by Alliance Française at the UT level.
- One of the youngest TEDx speakers from school.
- **Research Achievements:**
- Contributed to research with a paper on Pre-Deployment Calibration Framework for Low-Cost Gas Sensors, currently under review for IEEE Sensors Letters publication in the IoT domain with CVEST Lab, IIIT Hyderabad.
- Currently working on another research paper on Bilinear Interpolation model for Gas Sensors with CVEST Lab, IIIT Hyderabad.

EDUCATION

- **International Institute of Information Technology (IIIT), Hyderabad** — 2023-2028
  Degree: B.Tech in Computer Science and Engineering & Master of Science in Computer Science and Engineering by Research (CSD)
  Current Semester: 4th Semester
  CGPA: 7.59
- **Government Model Senior Secondary School, Sector 21, Chandigarh** — 2021-2023
  Class 11th & 12th (CBSE)
- **Bhavan Vidyalaya, Chandigarh** — 2008-2021
  Class 10th (CBSE)