

Arun Sakthi Anand M

 Web  GitHub  LinkedIn

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Education

- **Indian Institute of Technology - Hyderabad** Hyderabad, India
Bachelor of Technology in Electrical Engineering Aug. 2019 - May. 2023
- Online Courses: Full-Stack crash course (Udemy), Android Dev Boot camp (Udemy), Machine Learning A-Z (Udemy), Deep Learning A-Z (Udemy), Data Science 2022 (Udemy)

Experience

- **Air India** Kochi, India
Full-Stack Developer June 2023 - Present
 - Working with Springboot and Angular in the web team of Air India
- **KPIT Technologies** Pune, India
Software Developer Intern May 2022 - July 2022
 - Used QEMU Spice Protocols to get remote access to virtual machines. Worked on features like Data Transfer and Data Sharing between Client and Host VMs, Device and Media Hot-Plugin

Projects

- **TODO APP** September 2023
 - A Full-Stack Todo Application that incorporates key web features like Authorisation, Route Protection built using Node, Express, PugJS, MongoDB
- **HERMES** January 2020
 - An Android Chat Application exclusive to IIT Hyderabad users using Java and Firebase
- **TOY CAR** November 2019
 - Voice-driven toy car built using python deep-learning APIs (Keras, TensorFlow and Librosa) and Arduino Programming Language(C++)
- **CALCULATOR** October 2020
 - Built a basic calculator controlled by ATmega328 micro-controller from scratch using Arduino Programming Language(C++)
- **DRONE** March 2020
 - Built a drone (Manually wired and calibrated) that works on auto and manual pilot modes

Skills

- **Programming Languages:** C, C++ (Preferred), Java, JavaScript, Typescript, Python and Matlab
- **Applications and Frameworks:** Spring boot, Angular, Otter, React, StencilJS, NodeJS, ExpressJS
- **Tools:** PostgreSQL, MongoDB, Firebase, Supabase, Android Studio, Git, Github, LaTeX

Achievements

- Secured All India Rank 737 in JEE Mains and 1255 in JEE Advanced 2019
- National Talent Search Examination (NTSE) Scholar 2017
- Kishore Vaigyanik Protsahan Yojana (KVPY) Scholar with All India Rank 144 2018

Leadership and Extracurricular

- **President** IIT Hyderabad
Students' Gymkhana May 2021 - April 2022
 - Led, organised and coordinated all matters concerning the General Body of students
 - Handled the financial aspects of the Student Gymkhana
- **Transport Secretary** IIT Hyderabad
Students' Gymkhana May 2020 - April 2021
 - Coordinated all transport-related matters concerning the General Body of Students
- **Captain** IIT Hyderabad
Field Hockey Club Inter IIT Sports Meet 2022