

# Arun Sakthi Anand M

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## EDUCATION

### Indian Institute of Technology - Hyderabad

Hyderabad, India

*Bachelor of Technology in Electrical Engineering*

*Aug. 2019 – May. 2023*

- Served as President of the Students' Gymkhana at IIT Hyderabad, where I led initiatives such as establishing a dedicated post office for the campus, launching a student activity center, and spearheading the institute's post-COVID reopening, making IIT Hyderabad the first IIT to achieve 100% offline operations.

## EXPERIENCE

### Lead Engineer, Air India

June 2024 – Present

- Migrated Air India website's front-end from Angular 14 to Angular 18. Enhanced website performance by approximately 10% in Lighthouse reports and reduced bundle size by 20% by optimizing code, implementing efficient coding practices, and leveraging Angular 18's advanced features.
- Updated the Message Optimization System to enable SMS functionality for international numbers, enhancing communication capabilities and improving customer engagement for global users.

### Full-Stack Developer, Air India

June 2023 – June 2024

- Developed parts of search widget component for Air India's homepage, utilizing StencilJS for component creation and AEM for deployment, enhancing site functionality and user search experience.
- Developed the back-end for a report generator to assess the performance of Air India's websites, utilizing Node.js for development and deploying the solution as an Azure Functions app to ensure scalability and efficient performance monitoring.

### Software Developer Intern, KPIT Technologies

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

## TECHNICAL SKILLS

**Languages:** Java, Javascript, Typescript, C/C++, SQL, HTML/CSS

**Frameworks:** Spring Boot, Angular, NodeJS, StencilJS, ReactJS

**Tools & Applications:** Git, Docker, Postman, PostgreSQL, MongoDB

**Current Focus:** Expanding expertise in **Networking, Cyber-security, and Cloud Computing**

## PROJECTS

### TODO APP | Node.js, Express.js, Pug Templates, CSS

September 2023

- Developed a fully functional TODO app using Node.js and Express.js for the backend, and Pug templates along with CSS for the frontend, to manage and organize tasks efficiently.
- Implemented authentication and authorization features to ensure secure access and user management, enhancing the app's usability and security.
- Designed and built a responsive user interface to provide a seamless experience across different devices and screen sizes.

### Personal Website (Click Here) | Angular, CSS, GitHub Pages

May 2024

- Developed a personal website using Angular 18, focusing on creating a highly structured and strongly typed application to ensure robust performance and maintainability.
- Hosted the website on GitHub for version control and continuous integration, demonstrating proficiency in modern development practices and deployment strategies.
- Implemented best practices in Angular 18 to deliver a responsive, scalable, and user-friendly interface, enhancing personal branding and showcasing technical skills.

## ACHIEVEMENTS

Secured All India Rank 737 in JEE Mains and 1255 in JEE Advanced

2019

Kishore Vaigyanik Protsahan Yojana (KVPY) Scholar with All India Rank 144

2018

National Talent Search Examination (NTSE) Scholar

2017