

Arun Sakthi Anand M

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EXECUTIVE SUMMARY

Experienced technology professional with a strong foundation in **full-stack development** using **Spring Boot** and **Angular**. Proven expertise in building scalable systems based on **event-driven architecture**. Currently focused on advancing skills in Networking, Cybersecurity, and Cloud Computing.

EXPERIENCE

- Lead Engineer, Notifications, Air India** August 2024 – Present
- Architected and implemented the backend for mobile app push notifications, transitioning from third-party vendors and reducing notification costs by approximately 60%.
 - Developed an internal dashboard for creating notifications, eliminating the need for direct database edits and streamlining the process. Empowered business analysts with minimal technical expertise to make notifications live, significantly improving workflow efficiency.
- Lead Engineer, Web, Air India** June 2024 – July 2024
- 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.
- Full-Stack Developer, Air India** June 2023 – May 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.
- 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, Kubernetes, Postman, PostgreSQL, MongoDB

PROJECTS

- Video Streaming App** | *Spring Boot, Angular, MongoDB, AWS-S3, OAuth2*
- Developed a fully functional video streaming app using Spring Boot for the back-end, and Angular for the front-end, to manage and organize tasks efficiently.
 - Implemented authentication and authorization features using OAuth 2.0 to ensure secure access and user management, enhancing the app's usability and security.

EDUCATION

- Bachelor of Technology in Electrical Engineering** Hyderabad, India
Indian Institute of Technology - Hyderabad 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.

ACHIEVEMENTS & EXTRACURRICULAR

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
Captain, Field Hockey Club, IIT Hyderabad	2022-23