

ARUN PRASANTH V

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EXPERIENCE

ZOHO

Chennai, India

- **Member Technical staff** Jun 2023 - Oct 2023
- **Project Trainee** Sep 2022 - May 2023
 - o Java Backend team member specialising in WebRTC core and providing AV services for ZOHO products (Cliq, SalesIQ, Recruit, Connect, and Arattai).
 - o Responsible for writing robust and fault-tolerant IaC code to provide API and other services in L3 and L7 domains.
 - o Involvement in feature development, debugging, production bug fixes, and performance optimization.
 - o Actively involved in research and development to expand knowledge and enhance services.
 - o Familiar with creating Bash scripts for automation.
- **Summer Intern** Jun 2022- July 2022
 - o Developed a web-based application for peer-to-peer video calls using WebRTC, incorporating a custom signaling server and performing network-level UDP packet analysis utilizing tools such as Wireshark.
 - o Worked on various networking protocols such RTP, RTCP and etc.,

HUAWEI

Remote

- **Developer Intern** Jan 2022 - Jun 2022
 - o Dealing with android apps by using several Huawei tool kits.
 - o Health Prognosis - worked on a project that uses user-provided symptoms to predict diseases.

SKILLS

- Java, Linux, webRTC, BashScript, SQL, Redis, JavaScript, NetworkProtocols, Docker, Vim, Git, API Building, Debugging, Wireshark and WebSockets.
- Ability to learn independently and adapt quickly.
- Interested in working Back-end, Cloud and Devops Technology.
- Good Problem solving skill.
- 1000+ contributions in GitHub with 75+ Repositories[\[link\]](#).

EDUCATION

K Ramakrishnan College Of Technology

Trichy, TamilNadu

- **B.E-Computer science and engineering** [7.8 CGPA] 2019-2023
 - o Problem solving [\[link\]](#)
 - o Software development

PROJECTS

- **Real-Time Data Stream Processor**
 - o Spearheaded the development of an advanced asynchronous WebSocket backend application.
 - o Designed a robust data processing pipeline that efficiently parsed incoming data streams into structured objects and implemented an object pooling mechanism for resource optimization.
 - o Utilized Redis to store essential meta-data in the database, ensuring efficient retrieval and management of critical information.
 - o Orchestrated a main thread monitoring system to guarantee the high performance and reliability of the thread pool.
 - o Engineered an efficient queuing mechanism for streamlined data processing and facilitated seamless downstream data transmission for API requests.