

ARUN PRASANTH V

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EXPERIENCE

Freelancer

Remote

- **Software Development Engineer**

Nov 2023 - Present

- o Collaborated on a Java full-stack project, where my primary responsibilities involved creating business logic and implementing Struts validations.

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 Major contribution 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, Redis, JavaScript, NetworkProtocols, Docker, Vim, Git, API Building, Debugging, Wireshark, Struts and WebSockets.

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.