ARUN PRASANTH V

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EXPERIENCE

Freelancer   Remote

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

HUAWEI   Remote

- *Developer Intern*   Jan 2022 - Jun 2022
  - Dealing with android apps by using several Huawei tool kits.
  - 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, RESTful API Building, Debugging, Wireshark, MVC, Spring, Log Management, Struts, Hibernate, SQL, NoSQL and WebSockets.

EDUCATION

K Ramakrishnan College Of Technology   Trichy, TamilNadu

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

PROJECTS

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