CHANDAN AHIRE

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EXPERIENCE

Juniper Networks _Bengaluru, India_

Software Engineer 2 July 2024 - Present

- Successfully managed and developed a comprehensive image management feature. Performed **Performance Optimization**, reducing 2GB image upload time by **over 90%**, from 10 minutes to less than 1 minute, using file streaming, multipart uploads, and chunk-based parallel processing. Improved cloud service efficiency using **Kubernetes**, **gRPC**, and **Kafka**. Languages and Tools used: **Java**, **GoLang**, Django, Python, ReactJS, ElasticSearch, XSLT.

Software Engineer 1 June 2023 - June 2024

- Added a new engine type for URLs, addressing various performance and functionality enhancements. Contributed to the seamless migration of URL categories from the older engine to the new engine type, ensuring a smooth transition and improved system efficiency.
- Developed internal tooling with Python and Django to automate URL classification and improve operational workflows, reducing manual tasks by **25%**.
- Leveraged **Istio** for service mesh management, enhancing scalability of microservices by **20%**. Added support to new firewall devices. Languages and Tools used: **Java**, **GoLang**, Django, gRPC, Kafka, Kubernetes, Python, ReactJS, ElasticSearch, XSLT.

Software Engineer Intern Jan 2023 - June 2023

- Developed two features from scratch: ICAP redirect and SSL Initiation in Juniper Security Director Cloud.
- Both features are associated with the firewall device through SD cloud, which provides easy monitoring and control of network resources through a single interface. Languages and Tools used: goLang, gRPC, Kafka, Kubernetes, Java, ReactJS, ElasticSearch.

Stealth Startup _Remote, India_

Software Engineer Intern May 2022 - August 2022

- Assisted in the design and implementation of user-friendly, responsive UI/UX features. Collaborated with senior developers to optimize code using Next.js, TypeScript, NodeJS, Supabase (PostgreSQL), Django.

SKILLS

Technical Skills	C, C++, Java, sql, python, goLang, JavaScript, React JS, Node.js, xslt, Kafka, gRPC, Docker, Kuberneetes, Django, Git, VS Code, Cloud Operations, Linux, Shell Scripting.
Soft Skills	Teamwork, Conflict Resolution, Creative Thinking, Time Management
IT Constructs	Data Structures and Algorithms, Operating Systems, Object Oriented Programming, DBMS

EDUCATION

Bachelor of Technology, IIIT Allahabad June, 2019 - June, 2023
Course: Electronics and Communication Engineering CGPA: 7.9

PROJECTS

Exercism.org (Open Source Contribution). Added new Python questions for user, involving UI development, backend implementation, and test case creation. Languages and Technology: Python, Django, React, goLang, Java, Docker, GitHub.

2 X 2 RUBIKS CUBE SOLVER. A C++ 2-way BFS Algorithm based project to find the most straightforward and smallest path of moves from unsolved cube to solved state of the cube with Arduino code. These moves are the converted into mechanical form through 2 robotic arms. Languages and Technology: C++ Algorithm.

ACHIEVEMENTS

- Solved **1000+** coding questions on different platforms including Pepcoding, Coding Ninjas, InterviewBit and GeeksofGeeks.
- Expert on Codeforces with max rating **1654** . Secured **Rank 161** in Codeforces Round 984.
- Runner up in BUILD-N-HACK'20, an yearly Hackathon organised by Tesla' IIIT Allahabad.