

# RAHUL CHAUDHARY

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## **PROFESSIONAL EXPERIENCE**

### **NetApp India Private Limited, Bengaluru**

*The proven leader when it comes to modernizing and simplifying the storage environment.*

#### **Member of Technical Staff**

**June 2022 – Till date**

- Designed and built an application that would recover an inconsistent/corrupted file system after corruption and bring it to the consistent/working state by fixing the corruptions.
- Created HLD and LLD with the purpose of retrieving a directory and all its contents using only the directory path. Worked on implementing REST APIs for Directory Restore project.
- Contributing to the enhancement of the NetApp OS build infrastructure as part of a five-person team. Working to modify and optimize the built time of the NetApp OS.
- Worked together with cross-functional teams to add new resiliency features.
- Performed extensive testing and debugging to guarantee the dependability and quality of the product. Writing shell scripts to execute the tests.
- Trained and mentored colleagues on technical matters to help them join the project.
- Used Perforce as the source code management system and the C++17 technology stack on a Linux environment for testing and coding.
- Working in Agile model to implement productive development procedures.

### **Cadence Design Systems, Bengaluru**

*A leading EDA and Intelligent System Design provider delivering hardware, software, and IP for electronic design.*

#### **Lead Software Engineer**

**Feb2021 – June 2022**

- The advancement of the chipsets' design and operation in multi-core servers through multi-thread programming to maximize job scheduling among several cores.
- Collaborated as a key member of a 5-person team dedicated to enhancing system boot-up time and improving server performance for clients.
- Utilized C++ for code development and shell scripting for building and deploying binaries on emulators.
- Operated exclusively on the LINUX platform with Perforce as the Version Control System.

### **Boeing India Private Limited, Bengaluru**

*An American aircraft manufacturing company comprising of 150000+ employees with turnover of \$101B.*

#### **Programmer Analyst II**

**Oct 2017 – Jan 2021**

- Design and validation of Aircraft manuals of several document types (ATA, PDF, XML, S1000D, etc.) for Commercial, Defense and Space models used by ground engineers of multiple customers.
- The PDF manuals (in accordance with Adobe PDF Version 1.7 standards) were generated to be used by design engineers, manufacturing engineers and maintenance engineers for various Boeing Aircraft models (737, 747, 777, 787, etc.).
- Developed applications utilizing C/C++, XML, and shell scripting to facilitate the validation and publishing process of the Aircraft manuals.

- Utilized GIT as the version control system for source code and Jenkins/Rundeck for building and deploying applications.
- Executed SQL queries on Boeing's servers to extract and deliver necessary data in digital format to clients.

### **Samsung R&D, Bengaluru**

*A leader in electronics manufacturing companies, comprising 300,000 employees with turnover of \$57B.*

#### **Software Engineer**

**Jun 2014 – Dec 2015**

- Designed and developed solutions to meet business requirements, ensuring a seamless user experience. Contributed to a 20-member team focused on enhancing Audio/Video call experience over the network.
- Implemented Enhanced Voice service (EVS) audio codec to provide HD audio quality in Galaxy S7 and onward devices using C++ technology.
- Recognized with the Spot Award for reducing 3-second latency on video calls by developing Video Rate Adaptation application for AT&T operator.
- Traveled to Seoul to work under direct supervision of Vice President and Principal Engineers for commercialization of Video Telephony (VT) in Samsung Galaxy S7 for various mobile operators worldwide.

### **INTERNSHIPS**

#### **Intern, Infosys Limited, Bengaluru**

May 2013 - Jul 2013

Continuous Integration and Continuous Delivery (CICD) Reference Platform

- Improved irregular delivery time by 30% through the implementation of CICD pipeline for regular and on-time disbursement of the products

### **EDUCATION**

#### **B. Tech in Computer Science and Engineering (Ranked among top 10 in a class 80)**

Indian Institute of Technology, Varanasi (May 2014) CGPA – 8.11/10.00

**TECHNICAL SKILLS:** LINUX, C, C++, Java, Shell Scripting, MS Visual Studio, Eclipse, Perforce, GIT, Source Insight, Team Foundation Server, Jenkins, SonarQube, Coverity, GitLab, IntelliJ, Rundeck

**CERTIFICATIONS:** Certified Core Java developer, CMC Technologies Ltd., Jun 2011