**Rithu Anand Krishnan**

[LinkedIn](about:blank) | +91 8884083387 | rithuanandakrishnan@gmail.com

# EDUCATION

**Bangalore University Bangalore, India**  *Bachelor of Engineering in Computer Science. GPA (4/5) 2013-2017*

* Selected to represent the student body at GHCI annual celebration 2017.
* Ranked 10/98 in the undergraduate course in my batch.

**Bishop Cottons Women’s Christian College Bangalore, India**

*Pre-University. [Physics, chemistry, math and computer science] GPA (4.6/5) 2011-2013*

* Scored 100/100 in computer science final board exams.

**RT Nagar Educational Trust Public School Bangalore, India**

*Schooling [ICSE] GPA (4/5) 2004-2011*

* Honored with prestigious ‘Pratibha Puraskar’ award for scoring top 10th rank in class.

# WORK EXPERIENCE

# Infinera Private Limited Bangalore, India

*Software Engineer July 2017 – Present*

* Led a team of three on a Code optimization project, incorporated git submodules and pre-tarred kernel and root filesystem to optimize the build time by reducing it from 45mins to 7mins. The team consisted of new joiners and an experienced employee, had a chance to guide and mentor them throughout the project.
* Designed and programmed a customer-centric feature, Python API using NETCONF in docker with a 3.9-slim-buster image. Task involved negotiation with the Board of Directors and Product Level Managers to optimize the code by suggesting alternative approaches with better performance and minimum effort.
* **Developed and monitored an upgrade feature that was an urgent request by one of our major customers (Facebook), Collaborated with different teams like Software management, Database management, and integrated their part of the code into this feature. As a result, this project gained recognition and was pitched to potential customers to improve revenue from $330.9 million in the first quarter of 2021 to $338.2 million in the second quarter of 2021.**

# Philips Bangalore, India

*Intern January 2017 – May 2017*

* Coordinated with other fellow interns while working on a mini-project, took charge as the group leader. I had the opportunity to present the project to the directors of the team.
* I engineered and learned a lot during my period here. Played an active part in the development and coding of the website that monitored a range of Philips health care products.

# LEADERSHIP & VOLUNTEER EXPERIENCE

* Elected as the science representative of the college among six other candidates, the entire student body (600 students) took part in the election. I planned the entire campaign. Organized and managed the science fest, annual cultural fest, representing the college in competitions held by other colleges.
* Led the finance team of the fest committee during undergrad to get sponsors like Koshii, Nalli, Pizza Hut, and others.
* Active volunteer in tree plantation drives organized by the “Nature Club” at Infinera India Pvt Ltd.
* Took part in an interactive session with orphan kids to paint and dance as a member at a public NGO Manthan.

# SKILLS & INTERESTS

**Skills:** Object Oriented languages (CPP and Java), Scripting Languages (Shell scripting and Python), Docker, Open Networking Install environment (ONIE), Operating Systems (Open Networking Linux, Windows 10 and Ubuntu), Dev tools (Git, Bitbucket and JIRA), YANG and NETCONF, GRPC. Languages (English, French (Beginner), Hindi, Tamil, Telugu and Kannada).

**Interests:** Managerial roles, that challenges me and bring out my leadership skills. I travel and also post my travel videos, paint (abstract watercolors), play the Ukulele and sing along, dance, DIY home decor and gardening.