

Athreya H Nagaraj

CONTACT

E-mail: indiathreya92@gmail.com

Phone: +917760601090

SUMMARY

Software Engineer and Researcher with 3 years of experience in the IT industry. Currently pursuing masters and looking for challenging systems work to improve my skills and acumen in the Computer Sciences.

EDUCATION

M.Tech in CS (CGPA- 8.4)

2018 — Present

NITK, Surathkal

B.E in CS & E (67.4%)

2010 — 2014

PESITM, Shimoga

WORK EXPERIENCE

Eronkan India Private Limited

May 2017 — March 2018

Software Engineer

EVRY India Pvt. Ltd.

Aug 2014 — Aug 2016

Software Engineer S2

SIGNIFICANT PROJECTS

- **Named Data Networking (Ongoing)**- Worked on setting up test-bed, analyzing NDN traffic and exploring ways to **improve scalability of NDN in IoT infrastructure**.
- **ns-3 (Network Simulator)**- ns-3 is an open-source tool for simulating computer networks. This project involved **addition of TCP Reno algorithm** to ns-3. Also added several programs as working examples for beginners who seek to learn ns-3.
- **EroNkan**- Worked on **cutting-edge** javascript technologies for web and mobile infrastructure for the **IIoT platform**. Developed one of the **flagship features** of the platform which significantly increased the revenue for the organization.
- **ESB-ES Migration**- Responsibilities included migration of web services from proprietary frameworks to open-source frameworks, deploying, troubleshooting and debugging the aforementioned web services to various environments using Linux.

PUBLICATIONS

Nagaraj, Athreya H, et al., "A Framework to Study Heuristic TSP Algorithms With Google Maps API" IEEE DISCOVER 2019 (Accepted)

TECH SKILLS

C, C++, Java, JavaScript, ns-3, git, PostgreSQL, Node.js

ACHIEVEMENTS

Holding a GATE (CS) AIR of 826 with 99.23 percentile.

EXTRACURRICULARS

- Teaching assistant (2013-2014 and 2019-Present).
- Internship coordinator at NITK. SPoC for IBM India, NXP Semiconductors.
- Reading books (Philosophy of AI, Mystery, Psychology).