

Nabarun Chatterjee

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EDUCATION

KALYANI GOVERNMENT ENGINEERING COLLEGE

MTECH IN COMPUTER SCIENCE
2011 - 2013 | Kalyani, WB

RAMAKRISHNA MISSION VIVEKANANDA UNIVERSITY

M.Sc IN COMPUTER SCIENCE
2009-2011 | Belur, WB

RAMAKRISHNA MISSION VIDYAMANDIRA

B.Sc IN COMPUTER APPLICATIONS
2006-2009 | Belur, WB

DON BOSCO SCHOOL

ISC(10+2) 2005 | Bandel, WB
ICSE(10) 2003 | Bandel, WB

SKILLS

PROGRAMMING

Python • Shell • Golang(Beginner)
• \LaTeX

TOOLS

Terraform • Packer • Vagrant • Ansible
• Saltstack • Chef • Mesos Marathon
• Prometheus • Consul

CLOUD

AWS • Microsoft Azure

OTHERS

Flask • Wireshark

WANT TO LEARN

TECHNOLOGY

Kubernetes • Cryptography • AI •
Computational Geometry

OTHERS

Photography • Spanish Language

EXPERIENCE

SWIGGY | DEVOPS ENGINEER

November 2018 - Present | Bengaluru

- Stabilize monitoring and alerting using Prometheus and Consul
- Exploring Thanos for HA Prometheus setup

OLACABS | PRODUCTION ENGINEER (CORE INFRASTRUCTURE)

June 2016 - October 2018 | Bengaluru

- Rest Apis over Terraform and Packer in Python for creating infrastructure in AWS and Azure.
- Create linux users and groups and manage permissions for all machines across the stack.
- Setup migration from chef 11 to chef 12 and automate creation of cookbook source dynamically using Berkshelf and gitlab webhooks.

KNOWLARTY | DEVOPS ENGINEER

April 2015 - May 2016 | Bengaluru

- Automating Telephony Cluster Creation and Phasewise Release of Telephony Platform(Ansible)
- Monitoring Events and Inventory(Salt)

PLIVO | DEVOPS ENGINEER

June 2013 - Dec 2013 and Aug 2014 - March 2015 | Bengaluru

- Call Quality Analyzer - Extraction of all call detail records, audio, disconnection quality parameters like latency, jitter, ptime and detecting probable issues if extracted values are outside a predefined range.
- Automation of the Process of Number Testing, Improvement of chat bot and tools for internal analytics

RESEARCH

KALYANI GOVERNMENT ENGINEERING COLLEGE | MTECH PROJECT

2012 - 2013 | Kalyani, WB

Detection of Blackhole Behaviour Using Triangular Encryption in NS2 [Paper Link]

INDIAN STATISTICAL INSTITUTE | PROJECT LINKED PERSON

Feb 2014 - July 2014 | Kolkata, WB

Nature Inspired Heuristics for Large Scale Dynamic Engineering Problems [Github Link]

PROJECTS

RAMAKRISHNA MISSION VIVEKANANDA UNIVERSITY | M.Sc. PROJECT

2010 - 2011 | Belur, WB

A Hybrid Minimum Spanning Tree Algorithm on the GPU - A mixture of the Prim's and the Boruvka's approach to find the minimum spanning tree of a graph. The implementation uses Nvidia's GPUs and CUDA and scalable primitives like scan, segmented scan, compact and split to perform the task.