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

LINKS

Github:// **nabarunchatterjee**

LinkedIn:// **nabarunchatterjee**

SKILLS

PROGRAMMING
Python • Shell • Golang(Beginner)
• LaTeX

TOOLS
Terraform • Packer • Vagrant • Ansible • Saltstack • Chef • Mesos Marathon

CLOUD
AWS • Microsoft Azure

OTHERS
Flask • Wireshark • MySQL

WANT TO LEARN

TECHNOLOGY
Kubernetes • Cryptography • AI • Computational Geometry

OTHERS
Photography • Spanish Language

EXPERIENCE

OLACABS | Production Engineer (Core Infrastructure)
June 2016 – Present | 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 accross the stack.
- Setup migration from chef 11 to chef 12 and automate creation of cookbook source dynamically using Berkshelf and gitlab webhooks.
- Expose Rest Apis to automate CRUD for RRsets.

KNOWLARITY | Devops Engineer
April 2015 – May 2016 | Bengaluru
- Automating Telephony Cluster Creation(Ansible)
- Automating 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
- Handling and debugging service and server monitoring alerts. Debugging customer facing call quality issues.

RESEARCH

KALYANI GOVERMENT 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.

RAMAKRISHNA MISSION VIDYAMANDIRA | B.Sc. Project
Feb 2008 – July 2009 | Kolkata, WB
Implementation of the RSA Algorithm