

Nabarun Chatterjee

Site Reliability Engineer • Devops • Full Stack Engineer

CONTACT INFO

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GITHUB

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LINKEDIN

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SKILLS

LANGUAGES

Python, Go, Shell, JavaScript
(React)

DEVOPS TOOLS

Terraform, Ansible, SaltStack,
Chef, Packer, Vagrant

CLOUD & INFRA

AWS, Azure

MONITORING

Prometheus, Splunk, Consul

OTHERS

Flask, Figma, Wireshark

LEARNING GOALS

TECHNOLOGY

Kubernetes, Cryptography, AI,
Computational Geometry

OTHERS

Design

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

EXPERIENCE

MEMORYTIMELINE (STARTUP) | CO-FOUNDER & FULL STACK ENGINEER | JAN 2022 - PRESENT

- Built progressive web app in **ReactJS** to store memories (photos, text) and auto-generate collages with size constraints for social media use cases.
- Developed admin website for internal management with **react-admin**.
- Designed authentication using **OAuth2 + Cognito**, with custom **Lambda Authorizer** in Go.
- Implemented event-based image resizing via **Lambda + S3**.
- Built backend in **Go**; used **serverless infrastructure** for cost efficiency.
- Set up **CI/CD** for both code and infra using **GitHub Actions**.

ATLASSIAN | SITE RELIABILITY ENGINEER | APR 2020 - DEC 2021

- Splunk provider for terraform to create dashboards
- Yml interface over terraform for managing observability artifacts

SWIGGY | SENIOR DEVOPS ENGINEER | NOV 2018 - DEC 2019

- Setup and stabilize HA monitoring and alerting across all services

OLACABS | PRODUCTION ENGINEER | JUN 2016 - OCT 2018

- Apis for one click infrastructure management in AWS and Azure.
- Automate linux users and groups management across all servers.
- Automate migration from chef 11 to 12 to speedup infrastructure deployment.

KNOWLARITY | DEVOPS ENGINEER | APR 2015 - MAY 2016

- Automating Telephony Cluster Creation and Phasewise Release

PLIVO | DEVOPS ENGINEER | JUN 2013 - DEC 2013 & AUG 2014 - MAR 2015

- Built **Call Quality Analyzer** to extract CDRs, audio, and metrics (latency, jitter, ptime) to enable faster pinpointing of call quality issues.

RESEARCH

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

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

PROJECTS

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 using Nvidia's GPUs and CUDA.