

# Arunim Chakraborty

Full Stack Developer & DevOps — ML Enthusiast

Pune, Maharashtra  
India  
+91 9877270734  
arunimchakraborty@gmail.com  
in arunimchakraborty  
Arnimchakraborty

## Summary

Full stack developer with experience in backend systems, mobile apps, cloud infrastructure, and machine learning. Skilled in building scalable systems, developing AI applications, and automating DevOps workflows.

## Experience

- Jun 2023 – Backend Developer Intern, FlexiLoans, Mumbai
  - Aug 2023
    - Developed a low-code internal dashboard using Appsmith for non-tech teams to access production DB.
    - Built and documented RESTful APIs using NestJS and MySQL.
    - Wrote dynamic SQL queries and containerized services using Docker.
    - Heavily Reduced manual data retrieval time.
- Jun 2022 – Full Stack Mobile Developer Intern, OnlyCompanion, Mumbai
  - Aug 2022
    - Built a collaborative shopping list mobile app using React Native and ExpressJS.
    - Designed secure backend with MongoDB; deployed on AWS Lightsail.
    - Contributed to the company website in ReactJS; improved load time.

## Projects

- Image Inpainting with GANs
  - Built a DCGAN-based system to reconstruct masked faces using Celeb-HQ dataset (30K+ images). Utilized TensorFlow, UNet, and React + Flask for deployment.
- Crime Heatmap Predictor
  - Forecasted and visualized crime intensity in Denver using FBProphet, KMeans, and React Leaflet. Backend developed in Flask.
- Family Shopping List App
  - Mobile-first app with role-based sharing and backend hosted on AWS. Built with MongoDB, ExpressJS, and CapacitorJS.

## Skills

- Languages
  - Python, C/C++, Java, TypeScript, Golang, Solidity
- Web
  - React, React Native, Node.js, Express.js, NestJS, Svelte, Tailwind
- Database
  - MongoDB, MySQL, PostgreSQL, Redis
- DevOps & Cloud
  - Docker, GitHub Actions, CI/CD, Terraform, AWS, Linux, Shell Scripting
- Machine Learning
  - Scikit-learn, TensorFlow, Keras, PyTorch, OpenCV, FBProphet, Transformers, LangChain, Gen-AI

## Education

- 2026 M.Tech in Computer Science (AI), DIAT (DRDO), Pune
- 2024 B.E. in AI and Data Science, VESIT, Mumbai

## Publications

- Journal of Electrical System
  - Image Inpainting for Missing Facial Data Recovery in Security Settings, 2024.