Pritish Chakraborty

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EDUCATION

IIT BOMBAY
MS in Computer Science
(2021-2023)

MANAV RACHNA UNIVERSITY
BTech in Computer Science (2014)
8.27/10 GPA | First-Class Distinction

LINKS

Github: **PritishC**
LinkedIn: **pritishc**
Website: **pritishc.com**

UNDERGRAD COURSEWORK

Analysis of Algorithms
Operating Systems
Computer Architecture and Organization
Compiler Design
Artificial Intelligence
Theory of Automata and Computation
Network Security and Management

SKILLS

Frequent Usage
Python • Javascript • SQL • Django
AngularJS • DRF
• React/Redux **Familiar**
C • C++ • CSS • C#.NET • Java
AWS • Nginx • Celery •Elasticsearch
Ionic Framework • Shell Scripting

EXPERIENCE

ARC.DEV / CODEMENTOR
Freelance Software Engineer [March 2020 - Present]
- Engaged in paid mentorship for multiple students on topics such as Python backend development, Django webapp development, and sometimes the relevant basics of CS
- Worked on projects such as a medical telehealth platform service similar to Plushcare and Teladoc which aims to tap into the secondary healthcare staff market

INSTAHYRE | NEW DELHI, IN
Co-founder and Head of Engineering [Jan 2018 - May 2019]
Software Engineer [Jul 2015 - Dec 2017]

- Handled the complete tech stack and deployment pipeline as co-founder and head of engineering
- Rewrote and reconfigured messaging and message broker infrastructure to introduce multi-worker, priority-queue enabled asynchronous tasks
- Refactored, secured (via encryption as part of deployment pipeline) and improved core matching engine (by moving time-consuming computations to Elasticsearch leading to 80% drop in time taken)
- Implemented simple memory-based collaborative filtering to greatly improve recruiter UX when posting jobs
- Brought immense value to customers via major performance improvements to the critical parts of the platform, such as the candidates and search pages, leading to load time drops from 5s or more to under a second
- Handled major infrastructure upgrades, performance optimizations, user experience enhancements and provided technical support to other sales/customer success departments
- Handled the hiring and training process for newcomers to the team
- Wrote major chunks of Instahyre v2.0 - customer-facing pages and internal tooling - to support pivot to the prepaid business model
- Built a plethora of internal tools, such as a comprehensive proxy-enabled, rotation-enabled scraper to fetch public job data from disparate sources, and more such scripts with immediate business value

OPENLABS TECHNOLOGIES AND CONSULTING | DELHI NCR, IN
Software Engineer [Sep 2014 - Jun 2015]
- Worked on various parts of an ERP system - such as E-Commerce, CRM, project management, etc for both open source and customer projects
- Developed a custom ElasticSearch module for a customer project - allowing for faceted search across tens of thousands of items bundled with autocomplete
- Wrote scripts for Magento integration with Tryton and automated import of products, images, up and cross-sells, etc.to reduce development time in half
- Contributed to HLS video streaming extension to serve high quality content from AmazonS3+Cloudfront to Apple devices and browsers