

Gourab Chakraborty

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EDUCATION

IIIT DHARWAD

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Jul 2023 | Dharwad, Karnataka
Cum. GPA: 8.01 / 10

LINKS

Portfolio: <https://gourab.org>
Github: [gourab337](#)
Academia: [Gourab Chakraborty](#)
LinkedIn: [Gourab Chakraborty](#)
Twitter: [@gourab337](#)
Devfolio: [@gourab337](#)

COURSEWORK

Design and Analysis of Algorithms
Data Structures
Database Management System
Object Oriented Programming
Parallel Computing
Game Theory
Probability and Statistics
Machine Learning
Linear Algebra
Operating Systems
Blockchain Technology
Optimisation Techniques
Applied Linear Algebra for ML

SKILLS

Programming Languages:

NodeJS • Shell • Golang • Python •
Javascript

Frameworks:

HTML/CSS/JS • Web3 • git • GRPC •
Rest APIs

Miscellaneous:

Blockchain • PostgreSQL • AWS • GCP
• Kubernetes • MySQL • Docker
• Grafana • Kibana

POSITIONS

- Mentor of BlocSoc, IIIT Dharwad | 2022
- President of E-Cell, IIIT Dharwad | 2021
- Chair of IEEE Student Branch | 2021
- Cultural Committee Member
- Founding Member and Event Management Head of DSAI Society | 2022

EXPERIENCE

COINSWITCH | SOFTWARE ENGINEERING INTERN

Feb 2023 – Present | Bengaluru, India

- I am part of the CoinSwitch crypto exchange team and work in backend engineer role where I do projects in Golang and Python.
- I have built and taken a few services and SDKs to production most notably Cryptoexplorer SDK and Ledger Audit Service. I have also setup a few alerts and monitoring dashboards in Grafana from Kibana logs of various microservices. Currently working in crypto-to-crypto.

GRAYMATICS, INC | SOFTWARE ENGINEERING INTERN

Sept 2022 – Feb 2023 | Singapore

- As part of the core engineering team, I work mainly in the integration and deployment of Graymatics' AI Video Analytics to partners and client's VMS systems.
- Completed 3 successful client integration and currently working on two more and at the same time working on building a proprietary VMS for Graymatics.

C-MINDS LAB @ IIT BOMBAY | ML RESEARCH INTERNSHIP

May 2022 - Dec 2022 | Mumbai, India

- Worked for Center for Machine Intelligence and Data Science to build a novel affect-aware tutor system from scratch for the Ed-Tech department.
- Logged real-time streaming student user data for various parameters and applied machine learning and deep learning techniques real-time.
- Generated video bot feedback on real-time streaming data to improve student learning and attentively.

GOOGLE SUMMER OF CODE | STUDENT DEVELOPER 2021

May 2021 – Aug 2021 | Russia-Remote

- Top 1292 students were selected from 103 countries were selected and around 1205 successfully completed the program.
- Worked on RBMT and Natural Language Processing to develop the Hindi-Bengali language pair for the open-source organization Apertium that performed better than Google Translate for the pair.

AWARDS

2020	1 st /180	Rank in Intra-college competitive programming competition organized by CodeChef , IIIT Dharwad.
2017	Regionals	Regional Mathematics Olympiad, Kolkata
2015	Finalist	Inter DPS Science and Math Talent Exam (SMTE) at New Delhi, India.

HACKATHONS AND NOTABLE PROJECTS

METABORROW | ETHINDIA 2022 WINNER: BEST DeFi PROJECT(S)

The hack aims to monetise in-game assets and display yield farming opportunities in the gaming DeFi platform.

STAYCATION.SOL | BINANCE HACKATHON 2022 FINALIST

Room booking and roommate sharing D-App built on the Polygon blockchain network.