

Chetany Bhardwaj

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EXPERIENCE

GROWW | DEVOPS INFRAPLATFORM INTERN

January 2025 – Ongoing | Bengaluru, India

- Working on InfraPlatform and Observability for the biggest stock broker, with over 50 million users, in India
- Managing Kubernetes-native infrastructure with Helm and IaC for deploying and scaling internal services
- Implemented application change event notifications via Argo CD and canary deployment notifications via Argo Rollouts for internal tools.

POLYGON LABS | SOFTWARE ENGINEERING INTERN

September 2024 – December 2024 | Remote

- Developed and optimized client efficiency by writing scripts to test 10+ versions of execution and consensus clients simultaneously, reducing the time to identify faulty commits and versions from days to hours
- Migrated encoding protocols to gogoproto standards while maintaining compatibility with older amino protocols

KEK | GRID COMPUTING R&D INTERN

February 2024 – Ongoing | Remote

- Developed a uniform job execution environment using Apptainer, an HPC specialized containerization engine, addressing varied GRID infrastructure and diverse job requirements, resulting in a 50% increase in OS migrations
- Documented deployment procedures, ensuring consistent and efficient use of the GRID infrastructure

UPES-ACM STUDENT CHAPTER | TECHNICAL HEAD AND EXECUTIVE BOARD MEMBER

September 2022 – May 2024

- Led over 5 major technical events in the student chapter
- Taught and mentored C and introduction to programming to 50+ freshers
- Awarded Letter of Recognition and won ACM India's Outstanding Chapter Award among 100+ chapters nationwide

PROJECTS

ZKSAMPLER Link | EthGlobal Trifecta – 1st Prize (ZK Track)

- Built a zero-knowledge proof system to verify audio sample authenticity without revealing transformations, using SP1 zkVM
- Developed a Rust + Next.js full-stack app with a WASM-powered audio editor and ZK proof flow

RAFT CONSENSUS IMPLEMENTATION College Minor Project

- Implemented a basic RAFT consensus algorithm in C++, used Google Test library for testing, for a distributed network of 3 or more devices

EDUCATION

UPES | BTech in Computer Science

Expected May 2025 | Dehradun, India • Cum. GPA: 8.48/10

Dean's List • Major: Cloud Computing and Virtualization Technology • Minor: DevOps Practices, Design Thinking

POLKADOT BLOCKCHAIN ACADEMY | NUS

May – June 2024 | Singapore • Cum. GPA: 7.2/10

Cryptography Basics • Economics & Game Theory • Decentralized Governance • Blockchain Basics • Polkadot and Substrate

SKILLS

TECHNICAL SKILLS

Programming Languages:

C • Rust • JavaScript • Golang

Frameworks and Libraries:

Express.js • SvelteKit • React.js • Svelte

Databases:

MySQL • CockroachDB • InfluxDB

Tools and Technologies:

Docker • AWS • Arduino & Raspberry Pi • Linux • Git

ACADEMIC ACHIEVEMENTS & AWARDS

AWS Certified Solutions Architect – Associate

EthGlobal Trifecta 1st place - ZK Track

Chainlink Constellation Top-Quality Project Winner

3X EthGlobal Istanbul Sponsor Winner

2X EthGlobal Paris Sponsor Winner

UHackathon 3.0 Winner

Dean's List for Academic Excellence Award: Academic year August 2021 - May 2022