

# Abhipsa Priyadarshini

City Homes, Bhubaneswar, Odisha 751003

+91 8144037787 ✉ [abhipsap2003@gmail.com](mailto:abhipsap2003@gmail.com) [!LinkedIn](#) [github](#)

## Education

**Indian Institute of Technology (Indian School of Mines), Dhanbad**  
*Bachelor of Technology in Electrical Engineering — CGPA: 8.59*

**December 2020 – May 2024**  
*Dhanbad, Jharkhand*

## Experience

### ShareChat

**May 2024 – Present**

*Software Development Engineer — Platform and DevOps*

*Bangalore, India*

- Own and manage ShareChat's in-house service mesh, Nexus, an Envoy based service-mesh which powers over **120 microservices** and handles **7.5M requests per second**, while achieving a 95% reduction in Network Inter-Zone Egress (NIZE) costs.
- Design and implement features to enhance the service mesh, focusing on component reliability and system resilience.
- Achieved a **50% reduction in CPU and memory usage** across critical Nexus components through performance optimizations.
- Led cost-optimization initiatives by building a metric-based load balancing system, improving service availability while minimizing NIZE costs.
- Currently working on eBPF migration to improve observability and boost runtime performance at scale.

### Atlassian LLP

**May 2023 – July 2023**

*Software Engineer Intern — StatusPage Team*

*Bangalore, India*

- Pioneered the development of a new micro-service, **reducing system downtime** by 20%.
- Architected and deployed AWS alternative solutions for data storage, achieving a 15% improvement in system performance and a significant reduction in latency, enhancing overall operational efficiency.
- Optimized Redis queue traffic, resulting in a 25% improvement in system responsiveness and operational efficiency.
- Facilitated code reviews and meticulously documented micro-service architecture and operational procedures, enhancing team knowledge sharing.

### Freelance – Amrit MediTech Pvt. Ltd.

**January 2024 – August 2024**

*Qt Engineer*

*Remote*

- Directed a strategic Government project in partnership with IIT Delhi and AIIMS Delhi, streamlining healthcare processes and achieving a 20% improvement in diagnostic accuracy using cutting-edge technology and interdisciplinary expertise
- Orchestrated the design of device interface and analysis functions using Linux/Raspbian IoT platform, enhancing operational efficiency by 25%.
- Skills : PyQt5, OpenCV, Raspberry pi, MySQL

## Technical Skills

**Languages:** Golang, C++, Python, Java, C, HTML/CSS, JavaScript, SQL

**Architecture:** System Design, Service mesh, Kubernetes, Jenkins, Spinnaker, Docker, Envoy

**Frameworks:** React.js, Django, Springboot, Qt

**DataBases:** MySQL, Etcd, Oracle, SQLite, AWS

**Cloud:** GCP, AWS

## Projects

**ShopAll-Ecommerce — An ecommerce website** | *Python Django, JavaScript, HTML, CSS*

[link](#)

- Spearheaded the development of a full-stack e-commerce platform. Engineered robust database for user, product, order, review, and comment data. Implemented features like order filtering, reducing checkout time by 25%.
- Designed Admin panel for efficient product and user management.
- Established email authentication and automated invoice delivery. Integrated Razorpay payment gateway for secure transactions.

## Achievements

- **Google Girls Hackathon 2022** – Participated and got selected among the top 15 teams in overall India from a pool of 9k+ candidates and among and stood among the top 9 teams from the batch 2024
- **CodeChef Cook-off February 2022** – Secured Global Rank of 528 among a pool of 10k+ candidates
- Among the top 2% candidates in JEE Mains 2020 and top 1% candidates JEE Advanced 2020
- Among the top 10 Students in Electrical Engineering Department.

## Extracurricular

### Graphic Designing

**Behance**

*Team Head*

*IIT(ISM) Dhanbad*

- Artfreaks, Fine Arts club of IIT(ISM) Dhanbad
- Udaan, Career club of IIT(ISM) Dhanbad