

## Contact

9161718123 (Work)  
utripathi2002@gmail.com

www.linkedin.com/in/utkarsh1905  
(LinkedIn)  
utkarshtripathi.in (Portfolio)  
calendly.com/heyutkarsh/30min  
(Personal)

## Top Skills

Algorithm Design  
Cloud Computing  
Bash Scripting

## Certifications

Fundamentals of Accelerated  
Computing with CUDA C/C  
Go(Basic) Certificate  
Postman Student Expert  
Participant in SEBI Hackathon  
Fundamentals of Accelerated  
Computing with CUDA Python

# Utkarsh Tripathi

Software Developer Intern @ RapidFort | Final Year @ TIET, Patiala  
Noida, Uttar Pradesh, India

## Summary

<https://calendly.com/heyutkarsh/30min>

## Experience

### RAPIDFORT

#### SDC Intern

January 2025 - Present (5 months)

California, United States

- ✓ Hardened, secured, and optimized Docker images of open-source software for Docker and Kubernetes environments as part of the Community Images team.
- ✓ Secured high-demand images like mysql, postgresql, click house and many more.

### Thapar Institute of Engineering & Technology

#### Student Software Developer

January 2024 - December 2024 (1 year)

Patiala

- ✓ Led a software project funded with INR 20 Lakhs by Thapar University
- ✓ Collaborated with stakeholders to design automation and scheduling software, streamlining complex manual processes in educational institutes.

### Carmony.io

#### Software Engineer Intern

October 2023 - October 2024 (1 year 1 month)

Atlanta, Georgia, United States

- ✓ Enhanced user experience by implementing crypto payment wallets, helping users to pay in USDC
- ✓ Implemented member invite service to let users invite their team members into the organization.
- ✓ Decreased shipping time of features by automating testing and deployment using Github actions
- ✓ Optimized the auth service flow with a latency reduction of up to 7% measured using apache benchmark

## Microsoft Learn Student Chapter, TIET

2 years 5 months

### Finance Secretary

May 2023 - April 2024 (1 year)

Patiala, Punjab, India

### Core Member

May 2022 - May 2023 (1 year 1 month)

### Executive Member

December 2021 - May 2023 (1 year 6 months)

Patiala, Punjab, India

Microsoft Learn Student Chapter is a technical society that is dedicated to elevating the coding culture of Thapar Institute of Engineering and Technology by mentoring and motivating its students to refine their critical thinking, logical reasoning, and coding skills making it one of the most elite and loved societies of TIET.

## Thapar Web3 Student Chapter

### Founder

April 2022 - May 2023 (1 year 2 months)

Patiala, Punjab, India

## Google Developer Student Clubs Thapar

### Core Member

June 2022 - April 2023 (11 months)

Patiala, Punjab, India

## Enterprof

### Blockchain Developer Intern

April 2022 - August 2022 (5 months)

- Reduced transaction wait times by up to 60% by implementing service workers to sync the database with updates
- Created a smart contract in solidity for the platform based on EIP721 guidelines and implemented creator royalty using EIP2981 guidelines enabling creators to mint their NFT with some royalty fee

## ISTE Thapar Chapter

### Executive Member

January 2022 - April 2022 (4 months)

Patiala, Punjab, India

---

## Education

Thapar Institute of Engineering & Technology

Bachelor of Engineering - BE, Electronics and Computer · (September 2021)

City Montessori School

12, Engineering Science · (2014 - 2021)