

# Lalit Maurya

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## EDUCATION

### Shiv Nadar Institution of Eminence

Bachelor of Technology in Computer Science and Engineering

Delhi NCR

Aug. 2023 – Present

## EXPERIENCE

### Project Lead, Founder @ping

Google Developer Student Club

April 2024 – Present

Shiv Nadar Institution of Eminence

- Founded and lead @ping, a monthly hackathon series fostering an active computer science culture among fellow students
- Managed a team of 10-12 members to develop a full-stack submissions platform using Supabase, SvelteKit, and PostgreSQL
- Designed and implemented a streamlined process for project submissions, improving user experience and engagement
- Collaborated on ideation and development of beginner-friendly yet challenging problem statements to inspire innovative student projects.

## PROJECTS

### UniSync | Python, Selenium, Google Calendar API

August 2023

- Developed a python-based tool to streamline university timetable management by scraping data from the ERP system and syncing it with Google Calendar
- Leveraged Python, Selenium, and Google Calendar API to automate data extraction and integration, ensuring a seamless user experience

### phishNet | Python, Django, TensorFlow

September 2023

- Lead a team of 6 to develop a phishing website detection platform, winning first place at an in-house hackathon
- Built a Multi-Layer Perceptron (MLP) model in Python using TensorFlow, achieving up to 90% accuracy in identifying phishing websites
- Delivered a full-stack solution with an intuitive UI using Django, combining robust backend functionality with seamless user experience

### Labyrinth 2024 | Next.js, Django, PostgreSQL, Websockets

January 2024 - February 2024

- Designed and developed a PWA web application for Labyrinth 2024, the university's largest event hosted by GDSC, engaging over 150 participants in a 3-hour treasure hunt
- Implemented key features, including team creation/joining, QR code scanning with anti-malpractice mechanisms, and real-time progress updates using websockets
- Built a robust backend with Next.js, Django, and PostgreSQL, ensuring seamless live communication and efficient data handling
- Delivered a visually appealing and intuitive UI with TailwindCSS, enhancing user engagement and overall game play experience

### composition | Rust

November 2024

- Developed a CLI tool to analyze codebases, track lines of code per language, and visualize contributions with a customizable bar
- Implemented features for extension tracking, directory/file exclusions, and runtime customization (scaling and color options)
- Built using Rust for high performance, with clear setup and usage instructions to ensure easy integration and extensibility

## TECHNICAL SKILLS

**Languages:** JavaScript/TypeScript, Python, C/C++, SQL (Postgres), HTML/CSS, Rust

**Frameworks:** React, SvelteKit, Next.js, Node.js, Flask, FastAPI, Django

**Developer Tools:** Git/GitHub, Docker, Google Cloud Platform, VS Code