

# SIDDHARTH TEWARI

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📄 [github.com/sid-008](https://github.com/sid-008) Site: [sidt008.vercel.app](https://sidt008.vercel.app)

## Education

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### PES University

*B.Tech in Computer Science*

2021 - 2025

*Bangalore, Karnataka*

## Experience

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### Prevale Compliance Tech

*Backend Developer Intern*

June 2023 – Jan 2024

*Bangalore, Karnataka*

- Worked on the Backend for the company's financial compliance tracking dashboard.
- Worked extensively with RESTful APIs and AWS services such as SES, lambda and S3.
- Created an automated email notification service to let users know when certain taxes/compliances are due.
- Wrote the Relational Schema for a new version of the Backend, which helped facilitate new features and easier development.
- Helped write the system requirements and specifications for a newer version of the product.

### PESU I/O

*Subject Matter Expert*

October 2022 – December 2022

*Bangalore, Karnataka*

- Taught the Operating Systems course as a part of PESU I/O, a peer to peer teaching platform.
- Best rated and youngest course mentor for that iteration of PESU I/O.

## Projects

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**Suspicious Sys** | *Streamlit, bash, bpfttrace, awk scripting, Python* | <https://github.com/sid-008/sussysys>

- Developed a system call tracing dashboard using streamlit and bpfttrace.

**Gopher Store** | *Go* | <https://github.com/sid-008/Gopher-Store>

- A simple in memory Key Value store db written entirely from scratch in pure Go. Inspired by Redis

**Go crawl** | *Go* | <https://github.com/sid-008/gocrawl-V2>

- A multithreaded webcrawler written in pure Go capable of hitting around 3000 pages in a second with the right thread count.

**GopherDFS** | *Go, GRPC* | <https://github.com/sid-008/GopherDFS>

- A distributed file system inspired by the Hadoop File system, implemented in pure Go and GRPC

## Technical Skills

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**Languages:** Golang, HTML, CSS, Javascript, Python, C, C++, Rust, Node.js, SQL

**Technologies/Frameworks:** Linux, Spark, GitHub, Git, AWS services, Flask, Docker, Kubernetes

## Clubs and societies

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### ACM PESU-ECC

*Chair*

August 2023 – Present

- Led chapter of 40+ members to work towards goals that improve and promote tech culture on campus, academics, and research.

### Hackerspace PESU-ECC

*Mentor Team Lead*

December 2021 – Present

- Actively organised and conducted various workshops on campus. Managed a team of more than 40 members to organise workshops and mentor at hackathons.

### Google developer student club PESU-EC

*Core Member*

August 2022 – Present

- Mentored students at hackathons and helped in organising speaker panels.