

Nathan Paul

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EXPERIENCE

Developer ACM Industrial Experience Program

Feb 2024 - Apr 2024

- Worked in a team of 4 in building a static site generator in Go.
- Brought up the initial features such as sitemap generator, atom feed and Obsidian like graphs
- Collaborated on features such a friendly setup-wizard, bootstrapping and testing themes and improving CI/CD build pipelines.
- Achieved a build time of 284.5 ms for a 1000 file render benchmark, beating hugo and 11ty.

EDUCATION

B.Tech in **Computer Science & Engineering** (expected), [PES University](#)

2023 - 2027

ISFCR Dean Award

Ranked 6th out of 250 participants in a jeopardy-styled CTF hackathon

- **HSP PESU: Technical Mentor**
 - Mentoring participants to build [psh](#): a fancy POSIX-like shell
 - Delivered talks on **jukebox** and **anna** at the HSP Mentor Expo and Fireside talks respectively.
- **ACM PESU: Member**
 - Helped fix CI-tooling and maintain the new club [website](#)
 - Mentored participants at various workshops at university

SKILLS

Computing	C, Git, BASH, Python, Vim, Go, GNU/Linux
Writing	Blogging, \LaTeX , Technical Writing, and Free Software documentation
Privacy/Security	Self-hosting & decentralization. OSINT at CTFs

PROJECTS

jukebox	Listen to your LastFM music recommendations using: mpd, yt-dlp & bash
py-typer	A speedtyping test written in Python
anna	Static site generator written in Go
pasta	Simple pastebin service written in Go
sushi	Minimal CSS stylesheet
site	polarhive.net
wiki	Knowledge wiki
arceo	Blocklist
Ammachis Kathas	Malayalam short stories