# Yash Kolekar
## Full-stack software engineer

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## SKILLS

**Languages:** Python, TypeScript, C/C++, HTML, CSS, Solidity, Java
**Other:** Git, Linux, Svelte, SvelteKit, MongoDB, React, NodeJS, VSCode, GitHub, TailwindCSS

## EDUCATION

### Diploma in Artificial Intelligence & Machine Learning
EXPECTED GRADUATION: JULY 2024

Father Agnel Polytechnic – Vashi, Navi Mumbai

- **Courses:** Programming in C, Machine Learning Mathematics, Data structures in Python, Database Management Systems, Java Programming, Cloud Computing, Fundamentals of AI & ML

## EXPERIENCE

### Juppiter AI Labs – Remote
JUNE 22 – AUGUST 22

*Blockchain Intern*

- Learned a new **Python** smart contract library in 2 weeks, **PyTEAL**, to meet the deadline
- Worked in the new development environment of **Algorand**, with few tutorials and a small community, still completed the milestones by going through the documentation
- Automated contract testing through **Bash** scripts and achieved 90% code coverage

## PROJECTS

### MyFit – Workout tracking app | Link
JULY 22 - CURRENT

- An open-source workout tracking app inspired by the RP Hypertrophy App written in **SvelteKit**
- A **full-stack web application** with **PWA** support, hosted on Vercel with **MongoDB** database
- Custom workout progression algorithm, and a fully type-safe codebase. **300+ users with 3000+ views.**

### TrackMate – QR based attendance | Link
18TH FEB – 19TH FEB 2024

- Developed a **SvelteKit** app with **full-fledged GUI** using **DaisyUI** and **TailwindCSS** for marking attendance in a classroom-based environment
- Finished the prototype in a **24-hrs hackathon** where we won the **1st prize** with **MongoDB**
- Preventing proxy attendance with the help of randomly generated **UUIDs** and using camera scanning

### DevLog – Personal Portfolio | Link
MAY 22 – JUNE 22

- Created a web app using **React** and **NextJS**, using **MDX** for quick page generation
- Used **Server-Side Generation** so I could easily add more pages and projects with optimized **SEO**
- **Deployed** the website on **Vercel**, added my projects and some blog posts

## ACHIEVEMENTS

### 500$ Bug Bounty
OCTOBER 21

- Created and submitted a PoC against a clipboard vulnerability in Kaspersky Password Manager software and received a 500$ bug bounty after confirmation