

# Aditya Kurdunkar

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## EDUCATION

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### Vishwakarama Institute of Information Technology

*BTech. Computer Engineering*

Pune, MH

2020 - 2024 (expected)

- Cumulative Grade Point Average: 9.74/10

### Ashok Vidyalaya and Junior College

*12th, HSC*

Pune, MH

June 2019

- Secured 73.38% ( Physics, Chemistry, Maths)

### Gurukul Academy

*10th, SSC*

Mahad, MH

June 2017

- Secured 94.40%

## TECHNICAL SKILLS

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**Languages:** C/C++, GoLang, Python, Bash, Lua, Java, SQL, JavaScript, HTML/CSS

**Libraries/Frameworks:** FastAPI, Django, OpenCV, GTK

**Developer Tools:** Git, Vim

## PROJECTS

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### gomp | GoLang, Linux, TUI(Terminal UI), GitHub Actions

- Developed a Terminal front end for Music Player Daemon with built-in cover-art rendering capabilities.
- Utilised Go Channels for parallel computation.
- Implement Cover-art caching and an in-memory database for sorting songs on the basis of time played.
- Integrated Last-Fm API to download missing cover-art.
- Set up GitHub Actions to auto-generate Documentation from code comments.
- Packaged **gomp** in the Arch User Repository.

### scandoc | C++, OpenCV, GTK, Podofo, CMake

- Developed a *Document Scanner/PDF Generator* with GTK library for GUI.
- Used OpenCV for Image Transformation and Image Capture from Web Camera.
- Used Podofo Library for PDF Generation.

### Twitter Clone | Python, Django, MySQL, REST, HTML, CSS, Javascript

- Developed a Twitter Clone with Django-Templates for generating Dynamic Web page.
- Used MySQL as the Relational Database.
- Used Django-REST framework for creating REST APIs.

### Scripts and Utilities | Golang, Bash, GNU Core Utilities

- **browser**: a small utility to query and access your browser history through the terminal.
- **Shell Scripts** I implemented to automate daily tasks.

## ACHIEVEMENTS

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- Won the 3rd Prize in HackSprint V4.0, A Hackathon conducted by Association for Computing Machinery Student's Chapter MMCOE, Pune.
- Maintainer and Creator of **gomp** with 48 Stars on GitHub.