Om Wani

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EDUCATION

Dr. DY Patil ACS College   **Pune, MH, India**
Bachelors of Computer Science   *Graduation Date: 2025*

Vidyadham Science Junior College   **Ch. Sambhajinagar, MH, India**
HSC (Science)   *Graduation Date: 2022*

Aurangabad Police Public School   **Ch. Sambhajinagar, MH, India**
SSC   *Graduation Date: 2020*

SKILLS

- **Technical Skills**: Python, C/C++, Java, JS, HTML, CSS, SQL, PostgreSQL, MySQL, Django, Hugo, SDL2, Linux, Git, Bootstrap, Tailwind, Unity, Blender
- **People Skills**: Curious, Adaptive, Fast Learner, Good Communicator

PROJECT EXPERIENCE

Final Year Project
Compiler for Badak Programming Language   *Dec 2024 - Feb 2025*
- Designed and implemented a custom programming language with a Java-based compiler using ANTLR and Java regex for parsing and executing scripts.
- Created robust syntax for type-enforced variables, string manipulation, and arithmetic operations.
- Utilized Git for version control and applied structured project management to complete development and documentation.

2-day Hackathon Project
Local Events Community Webapp (SyndicateEvents)
- Designed and implemented a Django-based backend with robust authentication, event management, and chat features for community engagement.
- Built a responsive and user-friendly frontend using Django Templates and Tailwind CSS, ensuring seamless user experience across devices.
- Integrated advanced functionality, including event-specific searches, user roles, and real-time updates to support dynamic community interactions.

Personal Project
Arcade Games Launcher
- Designed and implemented a Python-based launcher using libraries like Pygame for game logic and Tkinter for the user interface.
- Integrated multiple games into a centralized launcher with an intuitive GUI for seamless navigation and play.
- Recreated classic arcade games for engaging gameplay and fresh look.

Second Year Project
Fire/Gas Leak Detection System
- Built an Alert system with IoT using RaspberryPi, MQ6 Sensor and IR Flame Sensor.
- Used Pushbullet Python library for sending notications via Internet to homeowner whenever Gas or Fire occurs.

OTHER EXPERIENCES

Free & Open Source Software
- Been promoting OpenSource Software since 2018 impacting hundreds of people every year.
- Hosted an Workshop/Meetup for FOSS at the college impacting over 200+ students.
- Been a part of Debian India and Pune FOSS Users' Group.
- Contributed in Translating parts of the Debian Installer to Marathi.