SHIVAM LAVHALE

SOFTWARE DEVELOPER INTERN | AUTOMATION AND LINUX

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OBJECTIVE : Software engineering intern focused on building automated and intelligent systems, leveraging systems programming, Linux environments, and CI/CD workflows to develop scalable, reliable, and impactful software solutions.

EXPERIENCE :

Software Developer Intern - ApexaiQ
- Developed and documented Python CLI tools and Selenium WebDriver automation setups on Linux, focusing on reproducible environments and dependency management.
- Containerized existing applications using Docker to improve deployment consistency, portability, and environment isolation.

PROJECTS:

my-notes-app [LINK]
- Offline-first notes app with Desktop builds (Linux, MacOS, Windows) and Android support.
- Set up CI/CD pipelines using GitHub Actions to automate multi-platform builds and releases.

Auto-install [BUILD ARCH ISO]
- Automates system configuration, package installation and dotfile setup script in ISO.
- Integrated Automated installation scripts into custom Arch Linux ISO builds with CI/CD.

EDUCATION:

BACHELOR OF ENGINEERING (COMPUTER SCIENCE AND ENGINEERING)   *2023 - 2027*

Shri Sant Gajanan Maharaj College of Engineering, Shegaon   **[CGPA : 7.25]**

HIGHER SECONDARY SCHOOL CERTIFICATE   *2021 - 2023*

Mauli Jr. College of Science, Akola

SKILLS :
- **Languages:** C, C++, Python, Bash, Java, Ruby (basic), Lua.
- **System Development:** Linux ISO building, shell & dotfile configuration.
- **Automation & DevOps:** GitHub Actions (CI/CD), automated build/test/deployment.
- **Database:** SQLite(C implementation), SQL basics.
- **Version Control:** Git, GitHub, project documentation.
- **Tools & Technologies:** Hugo, Jekyll, Tauri, Google Cloud, Docker, Linux, Android Studio.

SOFT SKILLS:
- **Communication:** Presented technical ideas clearly during ACM workshops.
- **Problem-Solving:** Designed efficient solutions for challenges in sqlite and vm-lc3 projects.
- **Collaboration:** Coordinated with ACM and GDG peers in Events/Workshops.
- **Adaptability:** Quickly learned new tools while building Application systems.

LEADERSHIP & COMMUNITY :
- **ACM [Association for Computing Machinery] - Treasurer [2025-2026]**
- **GDG [Google Developers Group] - Cloud Lead [2025-2026]**
- **ACM [Association for Computing Machinery] - Technical Team [2024-2025]**