MAYUR KHADDE

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INTRODUCTION

A dedicated and passionate student with a strong foundation in programming and a knack for creative problem-solving. I am adaptable to new technologies and eager to contribute to the industry. With a focus on continuous learning, I am excited to apply my skills and make a meaningful impact in the fast-evolving field of Computer Science.

EDUCATION

B.Tech in Computer Science Engineering — Graduating 2025
Vishwakarma Institute of Technology, Pune
CGPA - 8.74

Diploma in Computer Science — Graduated 2022
Cusrow Wadia Institute of Technology, Pune
Percentage - 94.65

TECHNICAL SKILLS

Programming Languages: Java, C/C++, Python
Linux: Arch Linux, Shell, Lua, Cryptography, CTF
Database: MariaDB, PostgreSQL, MongoDB, ORM Frameworks
Web Development: HTML, CSS/Bootstrap, Php, JavaScript, React.js, Flask, Rest API
DevOps: Kubernetes, Docker, Podman, Helm, YAML, Azure
Other Skills: Computer Network, Operating System, Algorithms Design, OOPS, Git/Github

PROFESSIONAL EXPERIENCE

Full Stack Developer, EmpowerCodes Technologies — Jan-Jul 2022
- Developed a fully integrated e-commerce website for consumer electronics, featuring real-time inventory management and automated purchasing capabilities
- Designed APIs to facilitate seamless data exchange and communication with third-party vendors
- Implemented secure PayU payment gateway to ensure safe and reliable transactions

CERTIFICATION

Certified Kubernetes Application Developer, The Linux Foundation — Oct 2023 - Mar 2024
- Successfully completed the CKAD exam, demonstrating proficiency in problem solving, Kubernetes architecture and application development.
- Acquired practical skills in configuring resources, managing multi-container pods, and ensuring application observability within Kubernetes environments.
- Certificate • Blog

PROJECTS

Vitunix OS — Jan 2023 – Jun 2023
Built a lightweight Linux distribution based on Arch Linux building a community of over 80 active members.
- Open Source Project focused on optimizing performance with minimal and lightweight resource usage, designed to run efficiently with less than 400MB of RAM after boot up.
- Garnered over 4,000 views, with 1,000+ downloads on Foss Torrents and 500+ downloads on Source Forge, reflecting significant interest and engagement from the Linux community.
- OS comes with Pre-installed customizable window managers Bspwm and Openbox, alongside a selection of configurable packages, to enhance user experience and flexibility.
- Conference Paper • Website • Github

Feedback Management System — Aug 2022
A web application to enhance the student feedback process in colleges.
- Developed a web application to streamline the feedback management process for an institution, efficiently handling over 5,000 feedback submissions per season.
- Deployed the system on an on-premise server utilizing a LAMP stack, with backend operations implemented in PHP and Python, and frontend developed using Bootstrap and JavaScript.
- Project Repo

Nivesh - Financial Literacy — Jun 2024
Built a web application to track and manage personal budgets and expenses.
- Managed a financial literacy web application that provides users with comprehensive insights into budgeting, saving, investing, and future planning, empowering them to make informed financial decisions.
- Developed and integrated paper trading simulations within the financial literacy web application, leading to a 40% increase in user engagement through interactive learning experiences that empowered users with hands-on investment practices.
- Project Repo