

ATHARVA KALE

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Education

Pune Vidhyarthi Griha's College of Engineering and Technology

2021 – 2025

Bachelor of Engineering in Computer Engineering

Pune, Maharashtra

Relevant Coursework

- Data Structures
- Database Management
- Internet Technology
- Computer Architecture
- Software Methodology
- Artificial Intelligence
- Systems Programming

Experience

ParamCS Software Services

December 2023 – January 2024

Software Engineer Intern

Pune, Maharashtra

- Developed an Employee Management system using C# .NET with SQL server express and SQL server management studio as backend, the user can perform CRUD operations on Employee Database.
- Developed an Inventory Management system for production based companies using C# .NET with SQL server express and SQL server management studio as backend.

Projects

Restaurant Reviews Sentiment Analysis | Python, Flask, ReactJS

April 2024

- Developed a predictive model which given a review will predict whether the review is satisfactory or not.
- Used NLP for creating model and saved the model weights as a joblib file.
- Created an API using python flask loaded the model, on hitting the API request from website the input string is used for prediction and the predicted value is returned as response to the website.
- Created a React website for taking review as input and displaying the result.

Private Cloud | Proxmox, Virtualization

May 2024

- Created a private server using an old pc and proxmox a type1 Hyperviser.
- Created a Docker container on linux VM and used Portainer for container management.
- Deployed a cloud based storage NextCloud on server as a container similar to google drive/dropbox.
- Deployed a Dashboard application Dashy as a Docker container on linux VM which is a dashboard to access applications deployed on Server.

News Portal | ReactJS, API

August 2023

- Developed a simple news portal using ReactJS.
- Used some news API to fetch news and display on website.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, ReactJS, SQL

Developer Tools: VS Code

Technologies/Frameworks: Linux, GitHub, Machine Learning

Leadership / Extracurricular

Association of Computer Engineering Students

2023 – 2024

Web Team Joint Head

PVGCOET

- Joint Head of Web Team of Computer Engineering Student Committee
- With the help of Team Head managed a team of 7 members.
- Migrated committee website from plain HTML/CSS Javascript to ReactJS for fast and efficient browsing.