ATHARVA ANIL 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*

Technical Skills

Languages: C++, Python, Java, HTML/CSS, JavaScript, ReactJS, SQL
Developer Tools: VS Code
Technologies/Frameworks: Linux, GitHub, Machine Learning

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

Proxmox private server | *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.
- Deployed the Sentiment analysis project website and flask API on linux VM using Nginx web server and used cloudflare tunnels to open the ports for external access

Surface Level defect detection of assembly line products (BE Project) | *Python, Flask, ReactJS*   **Current**
- Working on surface level defect detection of assembly line products as final year project.
- Computer vision based system to detect surface level defects.
- Deploying cameras on site to track defects in realtime and displaying alerts to the operator in realtime

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.
- Deployed the project on private 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.

Blogs

ReactJS Website deployment on Linux virtual machines

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.

Association of Computer Engineering Students   2024 – Current
Technical Team Head   *PVGCOET*
- Head of technical team of Computer Engineering Student Committee
- Managing a team of 5 members.
- Conducting various technical sessions.