

Prithviraj Awatade

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PROFESSIONAL SUMMARY

I am a dedicated and proactive Computer Science BTech student with hands-on experience in open source projects and industry-level applications. My technical background includes a strong foundation in programming, software development, and problem-solving. I have successfully collaborated on remote projects, demonstrating excellent communication and teamwork skills.

TECHNICAL SKILLS

Languages : Python, C/C++, SQL (Postgres, MySQL), PHP JavaScript, TypeScript, GoLang

Frameworks : Node.js, Flask, Fast Api, ExpressJS, Gin

DevOps and API Tools : Git, Docker, Kubernetes, CI/CD AWS DevOps

Cloud and Security Tools : AWS, Azure Cloud, SQL Server, Linux (Configuring and Managing)

Others : Data Modeling, Agile (Scrum/Kanban), SOLID, Design Patterns, Debugging, Root Cause Analysis, Wordpress

EXPERIENCE

Full-Stack Developer | MockPI

August 2023 – Feb 2024

- MockPI is an AI-powered platform offering free mock interviews and personalized feedback to help individuals excel in their job interviews
- Solely responsible for developing a scalable backend for the web dashboard using Express, ensuring high reliability.
- Implemented WebRTC technology to enable real-time audio and video communication within application.

Full Stack Developer | Quotient Bot

May 2023 – July 2023

- Integrated multiple APIs to enhance functionality and data exchange capabilities within Discord bot applications, facilitating seamless integration with external services and platforms.
- Developed and implemented WebSocket code to enable real-time communication features in Discord bot systems, ensuring instant updates and interactive user experiences for clients and end-users.
- Automated routine tasks such as regular backups and health checkups using GitHub Workflows, minimizing downtime and data loss risks.

EDUCATION

Jaypee Institute Of Information Technology

June 2021 – June 2025 | B.Tech in Computer Science

PROJECTS

The DineCraft | Nextjs, Typescript, Postgresql, CI/CD, Kubernetes, Redis, Express js

Nov 2023

- DineCraft is a SAAS-based restaurant management system, providing comprehensive tools for order processing, table management, inventory control, menu customization, analytics, and CRM, aimed at streamlining operations and enhancing efficiency for restaurant businesses.
- Led the integration of real-time communication capabilities using Websockets, enabling instantaneous updates and seamless coordination between clients and servers in a dynamic restaurant environment.

OneClick Sol | GoLang, GIN, AWS

Jan 2024

- Developed a streamlined deployment solution for PERN/MERN stack applications on AWS, facilitating rapid deployment with a single command.
- Employed Docker for containerization and orchestration, ensuring consistency and portability across environments
- Configured CI/CD pipelines using Jenkins/CircleCI and integrated with version control systems for automated testing and deployment.
- Designed a user-friendly CLI tool or script for one-click deployment, abstracting away complexity and reducing deployment time from hours to minutes. Incorporated error handling and rollback mechanisms to ensure smooth deployment processes and minimize downtime.

Github System Design | Nextjs, Express Js

June 2023

- Designed and implemented a highly scalable GitHub system architecture utilizing microservices architecture pattern, containerization with Docker, and orchestration with Kubernetes
- Implemented advanced performance optimization techniques to enhance the GitHub system's responsiveness and efficiency. Conducted thorough performance profiling using tools like New Relic or Prometheus to identify and mitigate bottlenecks.