

VAISHNAV MANKAR

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SUMMARY

Highly motivated Computer Engineering student at PICT Pune seeking a Cloud/DevOps internship to leverage hands-on experience in designing and deploying scalable applications using AWS, Docker, and CI/CD. Passionate about applying Gen AI and observability tools.

EDUCATION

Degree/Qualification	Institute	Year	Score/Percentage
BE - Computer	Pune Institute of Computer Technology, PICT	2027	9.2
HSC, XII	Global Public School, Nasik	2023	80%
ICSE, X	Ryan International School, Nasik	2021	90%
MHCET	-	2023	99.43%tile
JEE	-	2023	96.0%tile
French	-	4 years	-

TECHNICAL SKILLS

AWS Cloud (EC2, S3, VPC, Lambda) | Docker, CI/CD Pipelines (GitHub Actions) | [OTel](#), Jaeger | Python, Bash, Java

PROJECTS

PennyVise - Gen AI Finance Assistant | Google Solutions Challenge - 2025

- Try PennyVise: <https://pennyvise.netlify.app/>
- Developed the backend and machine learning models, integrating Gemini and Meta's Prophet for financial data analysis.
- Achieved a 20% improvement in prediction accuracy for financial forecasting using Gemini, Meta's Prophet, and Python.

Entertainment Hub| Media Content Site

- View on GitHub: <https://github.com/myselfmankar/Entertainment-Hub>
- Developed a media content website with watchlist functionality, integrating with the TMDB API.
- Implemented containerization using Docker to ensure consistent environments and simplify deployment.
- Established a CI/CD pipeline with GitHub Actions for automated building and deployment.
- Achieved a 15% reduction in deployment time using Docker, GitHub Actions, and Docker Compose.

CI/CD Pipeline | AWS

- View on GitHub: <https://github.com/myselfmankar/CI-CD-AWS>
- Designed and implemented a complete CI/CD pipeline on AWS, leveraging services like ECR and ECS for container orchestration.
- Automated the build process, including unit testing and security scanning, to ensure code quality.
- Orchestrated deployments using blue/green strategies to minimize downtime during updates.
- Achieved a 60% reduction in deployment time for containerized web applications using Terraform, GitHub Actions, and AWS ECS.

PROFESSIONAL DEVELOPMENT

AWS Solutions Architect Study Self-Directed Learning Online	Ongoing
Google Cloud Computing Foundations Google Cloud Skills Boost Online	2024