

HARSH SHIRKE

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Backend Developer

Summary

Backend developer with experience in Linux, AWS, Azure, and machine learning. Skilled in building scalable systems, automating deployments, and creating backend solutions.

Education

- MCA, Savitribai Phule Pune University, 2024 — 73.18%
- BCA, Tilak Maharashtra Vidyapeeth, 2020 — 64.14%
- Data Science Certification, Bangalore, 2021 — Grade: A

Skills

- Languages: PHP, Python, Golang, C#, JavaScript
- Backend & DB: REST APIs, MySQL
- Cloud & DevOps: AWS, Azure, Linux (Ubuntu), Bash, CLI, SSH
- ML: OpenCV, LSTM, LLaMA, Scikit-learn, NumPy, Pandas
- Tools: GitHub, VS Code, cPanel, Composer

Project Highlights

- Human Behaviour Prediction (ML) — Built a model using OpenCV, LSTM & LLaMA to predict behavior patterns.
- Food Delivery Platform — Developed order placement, tracking & payment backend using PHP/MySQL.
- College Registration Portal — PHP/MySQL portal for student registration with real-time updates and admin control.
- QR Code Attendance System — Implemented live QR scanning for event registration and attendance.
- Remote Desktop Control — ASP.NET Core app to control shutdown, lock, and volume over LAN.
- Discord-DB Bot — Python bot to fetch and display user records from MySQL inside Discord.
- Standby Memory Cleaner — C# tool to free standby memory safely to avoid system reboots.
- Hardware ID Chat — Secure chat room that runs only on authorized hardware, using hardware IDs.
- Other notable apps — Cake Shop Website, Desktop Logger

Experience

Game Server Manager – XTZ (AWS & Router)

- Ensured 99% uptime on AWS-based esports servers.
- Automated deployments via Bash, reducing setup time by 40%.
- Improved security and performance using Linux best practices.
- Coordinated live esports events with reliable backend support.

Hobbies

Linux tinkering, backend systems, mountain biking, camping, gaming