GHANASHYAM AUTI

Full-Stack Software Engineer | Python · SQL · Azure DevOps · Agile

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PROFESSIONAL SUMMARY

Full-stack software engineer and MCA candidate with hands-on experience delivering production-quality web applications, RESTful APIs, and cloud-deployed systems. Proficient in Python, SQL, React, FastAPI, Docker, and Azure DevOps. Experienced in Agile workflows, root cause analysis, structured documentation, and translating requirements into maintainable software. Eager to contribute to TBA Leicester's WMS product team with a proactive learning mindset and strong interest in logistics and warehouse systems.

TECHNICAL SKILLS

Languages	Python, Java, C# (learning), SQL, JavaScript, TypeScript, PHP
Frontend	React.js, Vue.js, Blazor (familiar), HTML/CSS, Tailwind CSS
Backend & APIs	FastAPI, Flask, Node.js/Express, RESTful APIs, .NET (familiar)
Databases	Oracle DB, PostgreSQL, MySQL, MongoDB, MS SQL Server, stored procedures/triggers
DevOps & CI/CD	Azure DevOps, Git, GitHub, Jenkins, Docker, Kubernetes, Terraform
Cloud & OS	AWS (EC2, S3, CloudWatch), Azure App Services, Windows Server, Linux
Methodology	Agile (Scrum, SAFe), code reviews, service desk workflows, UAT

EXPERIENCE

AI & Machine Learning Intern   *Apr 2025 – Jun 2025*

Eduskill · Pune, India

- Developed ML pipelines from requirements and acceptance criteria using Python (Scikit-learn, Pandas, NumPy); documented functional specs, test results, and findings for non-technical stakeholders.
- Performed root cause analysis on data quality and model issues; maintained issue logs and resolution documentation mirroring service desk and problem management workflows.
- Collaborated in a cross-functional Agile team, participating in sprint reviews and adapting quickly to evolving project requirements under deadline pressure.

PROJECTS

Warehouse Inventory & Logistics Management System   *2025*

Python · FastAPI · React.js · PostgreSQL · Docker · Azure DevOps · Azure App Services

- Built a full-stack WMS-style application covering inbound/outbound stock management, location tracking, order fulfilment queues, and real-time dashboard reporting for warehouse operators.
- Designed PostgreSQL schema with stored procedures and triggers for stock movement audit trails; developed RESTful FastAPI backend and React.js frontend with RBAC and JWT authentication.
- Deployed via Azure DevOps CI/CD pipelines to Azure App Services using Docker; maintained Git branching strategy with PR reviews, UAT test plans, and full deployment runbook documentation.

AI-Powered Wellness Platform   *2025*

React.js · TypeScript · FastAPI · PostgreSQL · Docker · Netlify · Render

- Delivered a full-stack health tracking application end-to-end: requirements capture, API design, React/TypeScript frontend, FastAPI backend, JWT auth, and multi-cloud deployment across Netlify and Render.
- Authored architecture notes, API documentation, and deployment runbooks; implemented structured logging, monitoring, and integration tests for production reliability.

Cloud-Native Monitoring Dashboard   *2024*

Python · Flask · Docker · Kubernetes · AWS · Prometheus · Grafana

- Built a real-time operational monitoring platform with Prometheus alerting and Grafana dashboards; deployed on AWS EC2 with CI/CD automation and Linux server configuration.

EDUCATION

Master of Computer Applications (MCA) — Pursuing   *Expected May 2026*
JSPM University, Pune · CGPA: 7.51 / 10

Bachelor of Computer Applications (BCA)   *2021 – 2024*
New Arts, Commerce and Science College, Ahmednagar · CGPA: 7.65 / 10

CERTIFICATIONS

- Udemy — AWS Certified DevOps Engineer Professional | Udemy — AWS Certified Solutions Architect | NPTEL — Cloud Computing

KEY COMPETENCIES

- Full-Stack Delivery: end-to-end feature ownership from DB schema and backend API to responsive frontend UI, with a "right first time" quality focus.
- SQL & Databases: Oracle DB, PostgreSQL, MySQL, MongoDB — stored procedures, triggers, and complex queries for data-intensive logistics applications.
- Agile & Documentation: functional specs, test plans, user manuals, and handoff runbooks; comfortable in Scrum/SAFe sprint workflows and service desk environments.
- Debugging & Root Cause: methodical troubleshooting approach — isolating issues, tracing root causes, and resolving defects with minimal recurrence.
- Communication: able to translate technical findings into clear, non-technical language for customers and stakeholders, written and verbally.