Channabasavanna Santosh Pawate

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PROFESSIONAL SUMMARY

AI-focused Software Engineer with hands-on experience in full-stack and machine learning projects. Skilled in developing scalable web and mobile applications using Python, Flutter, and Laravel, with strong expertise in AI model integration, cloud deployment, and data-driven development.

EDUCATION

Coventry University   **Coventry, United Kingdom**
Masters in Artificial Intelligence and Human Factors   *May 2025 – May 2026*
Visvesvaraya Technological University   **Davanagere, India**
Bachelor of Engineering in Information Science and Engineering   *Dec 2020 – July 2024*

TECHNICAL SKILLS

Programming Languages: Python, C++, C, C#, PHP, JavaScript, HTML, CSS, SQL
Frameworks & Libraries: Laravel, Flask, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy
Database & Tools: MySQL, SQLite, Git, REST APIs, Postman, VS Code
Other Skills: Machine Learning, AI Model Integration, Data Analysis, Prompt Engineering, Web Development, Cloud Deployment (AWS/Heroku)

WORK EXPERIENCE

Software Developer
Lakshmi Silk House, Karnataka, India   *Aug 2024 – Apr 2025*

– Designed and implemented a Flutter-based Inventory Management System with batch-wise product tracking and automated barcode generation.

– Developed desktop applications using C# to support billing and inventory tracking operations.

– Reduced manual inventory errors by 80% through automation. Refactored Flutter code to reduce app load time by 60% and increase daily active users by 40%.

AI Intern
Abeyaantrix Softlab, Karnataka, India   *Jul 2024 – Aug 2024*

– Developed and implemented AI models to predict customer churn with 85% accuracy.

– Analyzed large datasets to identify key factors contributing to customer attrition.

– Collaborated with cross-functional teams to design retention improvement strategies.

Student Ambassador
Coventry University, Coventry, United Kingdom   *Aug 2025 – Present*

– Represent Coventry University at academic and social events, assisting prospective students and visitors.

– Collaborate with staff to promote student engagement and outreach initiatives.

– Support university marketing and international programs through mentorship and guidance.

ACADEMIC PROJECTS

• **Inventory Management System (Flutter):** Built a mobile app for inventory management with real-time batch tracking and database synchronization.

• **Areca Nut Disease Detection (CNN):** Developed a CNN model to detect diseases in areca nut leaves with Flask-based web interface for prediction.

• **Doctor AI Prescriber:** Created a Laravel-based AI prescription app with automated billing and medicine recommendation system.

• **WordPress Website for ENA Driving School (UK):** Designed a responsive WordPress site with custom PHP plugins and SEO optimization.

CERTIFICATIONS

• **Prompt Engineering for ChatGPT — LinkedIn Learning (Jun 2025)**

• **Tata Cybersecurity Analyst Job Simulation — Forage (Mar 2025)**