

DARSHAN INGALAGI

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PROFESSIONAL SUMMARY

Final-year BCA student with strong foundations in Python scripting, Linux, containerisation, and cloud infrastructure. Hands-on experience with Docker, Git/GitHub CI workflows, REST API development, and automation across 2 internships. Familiar with AWS cloud services and Linux system administration through structured self-study and project work. Seeking a DevOps or Cloud Engineering role where I can apply infrastructure automation and monitoring skills to real-world systems.

TECHNICAL SKILLS

Programming Languages: Python, Bash/Shell Scripting, JavaScript, PHP, HTML5, CSS3

Frameworks & Libraries: FastAPI, Flask, Streamlit, Pandas, NumPy, Scikit-learn, React.js, Node.js

Databases: MySQL, MongoDB, PostgreSQL

Tools & Platforms: Git, GitHub, Docker, AWS, Linux, VS Code, Postman

Concepts: Linux Administration, Networking Basics, Agile Development, OOP, REST API Design

WORK EXPERIENCE

Full Stack Web Development Intern - MMT Softech | Feb 2026 - Jul 2026

- Built responsive mobile-first user interfaces using React.js and Tailwind CSS, improving page performance by 30%.
- Developed RESTful APIs using Node.js and Express.js integrated with MySQL relational databases.
- Debugged and resolved critical application issues across frontend and backend layers.

Full Stack Developer Intern - Unified Mentors | Jul 2025 - Oct 2025

- Developed full-stack web applications with Python (Flask/FastAPI) backends, user authentication, and full CRUD functionality.
 - Optimised MongoDB query performance and implemented role-based access control for multi-user systems.
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PROJECTS

AERS - AI Emergency Response System | Python, FastAPI, Streamlit, Docker, pytest |

github.com/darshaningalagi/AERS-AI-EMERGENCY-RESPONSE-SY.STEM-

- Built a FastAPI-based emergency triage backend containerised with Docker; CI-ready with a 57-test pytest suite for regression safety.
- Implemented multi-model ML pipeline (Logistic Regression, Random Forest, Gradient Boosting) with SHAP explainability and clinical scoring (NEWS2, qSOFA).
- WebSocket real-time updates, priority-aware ambulance dispatch logic, and Streamlit dashboard with synthetic data simulator.

WhatsApp Automation Tool | Python, Selenium, WebDriver |

github.com/darshaningalagi/whatsapp_automation

- Automated WhatsApp Web interactions using Selenium WebDriver for scheduled bulk message delivery with configurable contact lists and message templates.
- Demonstrates Python scripting and browser automation — skills directly applicable to infrastructure testing and CI pipeline scripting.

AI Disease Prediction Chatbot | Python, Flask, Scikit-learn, REST API | github.com/darshaningalagi/Disease-Finder

- Deployed a Flask REST API serving a Random Forest Classifier (~98% accuracy) with a serialised Pickle model — production-style Python API deployment.

- Implemented input normalisation pipeline converting symptoms to ML feature vectors; Tailwind CSS chatbot frontend consuming the REST endpoint.

Rent Easy - Property Rental Platform | Python, Node.js, MongoDB, JWT, REST API |

github.com/darshaningalagi/rent-easy

- Full-stack property rental platform with JWT authentication, RESTful API backend, MongoDB persistence, and GitHub Pages deployment via CI.
- Demonstrates API design, authentication patterns, and version-controlled deployment workflows relevant to DevOps pipelines.

SheetFlow - Google Sheets Business Management System | Python, PostgreSQL, SQLAlchemy, Google APIs, OAuth2

- Enterprise desktop application using Python + CustomTkinter integrating Google Sheets/Drive APIs with PostgreSQL via SQLAlchemy clean architecture.
- Full passing test suite after extensive debugging; demonstrates Python scripting, database management, and OAuth2 service integration.

EDUCATION

Bachelor of Computer Applications (BCA) | CGPA: 8.01 | 2026

Pre-University (PUC): 75.3% | Class X (SSLC): 77.8%

KEYWORDS & CERTIFICATIONS

Core Areas: DevOps Engineering, Cloud Infrastructure, AWS, Docker, Linux Administration, Networking, Python Scripting, Software Engineering, API Development

ML Techniques: Classification, Regression, Random Forest, Gradient Boosting, Logistic Regression, Feature Engineering, Data Preprocessing, Model Deployment, Hyperparameter Tuning, SHAP Explainability

Dev Practices: Agile, Git Version Control, Docker, AWS, Linux, Python Scripting

Soft Skills: Problem Solving, Team Collaboration, Communication, Self-Learning, Time Management

LEADERSHIP & ACTIVITIES

- Placement Minister — coordinated placement drives, industry interactions, and student-company relations.
- Organised AI and Machine Learning workshops and hands-on coding competitions for peers.
- Maintainer of 16+ public open-source repositories on GitHub covering AI, web, and automation projects.