

Swastik Madhav Kulkarni

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PROFESSIONAL SUMMARY

- Versatile Computer Science graduate with hands-on experience in software development, data visualization, cloud platforms, and system engineering.
- Adept at building scalable solutions and dashboards, with a strong foundation in Python, SQL, Azure, and web technologies.

EDUCATION

Sreyas Institute of Engineering and Technology
Bachelor of Science in Computer Science (AI-ML)

Hyderabad, Telangana
Oct. 2020 – July 2024

EXPERIENCE

Associate Software Engineer-Trainee

March 2025 – June 2025

Mphasis Limited

Pune, Maharashtra

- Completed advanced training in Unix, Power BI, T-SQL, MongoDB, and Azure, improving deployment efficiency by 30%.
- Developed a Hospital Management System using Python and MySQL, cutting patient data errors by 25%.
- Created interactive dashboards for retail metrics in Power BI, reducing manual analysis time by 40%.
- Streamlined KPI reporting with DAX, eliminating 60% of repetitive tasks and accelerating decisions.

Assistant System Engineer - Trainee

Aug 2024 – Oct 2024

Tata Consultancy Services

Hyderabad, Telangana

- Provisioned Windows/Linux servers on Hyper-V for simulated enterprise environments.
- Diagnosed and resolved network issues, improving lab system availability by 20%.
- Implemented virtualization strategies and OS maintenance routines to enhance training setups.

Web Developer - Intern

Apr 2024 – Aug 2024

RedCloud Technologies

Hyderabad, Telangana

- Developed e-commerce websites with Shopify and WordPress, increasing customer interaction by 30%.
- Secured transactions via integrated payment gateways and third-party plugins.
- Automated product uploads using custom scripts, saving 10+ hours weekly.
- Enhanced UI/UX using data from Google Analytics, lowering bounce rates by 22%.

PROJECTS

Slot Booking For Vehicle Parking | *Python, Flask, Flutter, Android Studio, MySQL*

Nov 2024 – Feb 2024

- Created real-time mobile booking system with visual slot indicators, improving accuracy by 35%.
- Implemented GPS-based auto-cancel and refund logic to reduce complaints.
- Integrated payment handling and slot optimization logic to avoid overbooking.

Virtual Assistant Chatbot | *HTML, CSS, Gemini AI API*

March 2024 – April 2024

- Built an AI chatbot for text summarization, reminders, email parsing, and weather info.
- Applied NLP to enhance intent detection and improve response precision.

Hospital Management System | *Python, MySQL*

May 2025

- Built admin panel for hospitals managing patients, doctors, billing, and services.
- Applied OOP principles for modularity and efficient workflows.
- Used MySQL CRUD operations to enable real-time data updates.
- Deployed automated billing to cut down manual processing by 40%.

CERTIFICATIONS

- Cloud Computing – NPTEL Certification
- Full Stack Development – Python Bootcamp
- Hackathon Participation – State-Level (SDE Track)
- Research Publication – Slot Booking for Vehicle Parking

TECHNICAL SKILLS

Languages: Python, C, Java, JavaScript, HTML, CSS, Bash

Databases: MySQL, MongoDB, T-SQL, Firebase

Frameworks & Platforms: Flask, React, WordPress, Shopify, Azure

Tools: Git, Power BI, Visual Studio, PyCharm, Eclipse

Libraries: NumPy, pandas, matplotlib, OpenCV, nltk, seaborn, TensorFlow, PyTorch