

PRASHANTHA D

Bengaluru, India — +91-6366726829 — dpsomasamudra@gmail.com
github.com/dpsomasamudra — linkedin.com/in/prashantha-d6366

CAREER SUMMARY

Results-driven software engineer passionate about building scalable, high-performance solutions. Committed to leveraging emerging technologies and best practices to drive innovation and deliver impactful results.

EDUCATION

Sri Sairam College of Engineering, Bengaluru, India

Bachelor of Engineering in Information Science & Engineering — CGPA: 7.65/10

2022 – 2026

TECHNICAL SKILLS

Programming: Python, Java, C, SQL

Backend Technologies: Python, SQL, RESTful APIs

Database Management: MySQL

Cloud & Tools: AWS, Microsoft Azure

EXPERIENCE

Intern — Dyashin Technosoft Pvt Ltd

Jun 2025

- Gained hands-on experience in Python programming and data analytics while working on real-world datasets and contributing to practical case studies
- Improved skills in problem-solving, data processing, and analytical thinking while learning to apply technical knowledge in a professional work environment

PROJECTS

AI-Powered Financial Analysis and Predictor Dashboard

- Developed a Flask web application which analyzed and predicted stock prices for input ticker symbols
- Integrated real-time stock analysis with Yahoo Finance API, sentiment analysis via VADER and NewsAPI, trend indicators (SMA, RSI, MACD), and risk metrics (Sharpe ratio, beta, VaR)
- Created interactive candlestick charts with buy/sell signals using Plotly and 5-day price predictions via Linear Regression ML model

Patient Management System – Microservices Architecture

- Built production-ready patient management platform using Java Spring Boot microservices architecture deployed on AWS
- Implemented scalable backend services with RESTful APIs, JWT authentication, and role-based access control for secure patient data management
- Integrated MySQL database with optimized queries and deployed containerized services on AWS for high availability and performance
- Designed service-to-service communication patterns and implemented comprehensive error handling and logging mechanisms

Honeypot Security System

- Built Python-based honeypot to detect and log unauthorized access attempts for security monitoring
- Captured attacker details including IP addresses, ports, and payloads for threat analysis and incident response
- Improved security visibility by identifying suspicious activity patterns and potential attack vectors

CERTIFICATIONS

- Meta Front-End Developer
- Meta Back-End Developer
- Microsoft Azure Fundamentals
- Meta Database Engineer
- Google Cybersecurity