

Bhanuprakash Peddi

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PROFILE

Computer Science undergraduate (CGPA: 9.21/10) with hands-on experience in full-stack application development using Java, Python, JavaScript, SQL, REST APIs, AWS, Docker, and Git. Skilled in building scalable backend services, API integrations, and cloud-based applications through academic projects. Strong foundation in SDLC, object-oriented programming, testing, debugging, and version control, with a passion for developing reliable software solutions.

EDUCATION

KL Deemed to be University, Vijayawada, Andhra Pradesh
B.Tech in Computer Science & Engineering

June 2022 – June 2026
CGPA: 9.24 / 10

PROJECTS

AI-Powered Election Assistant | Python, JavaScript, LLMs

- Built a Generative AI application using Large Language Models (LLMs) and prompt engineering to help users understand complex election processes.
- Applied Responsible AI practices by implementing safety guardrails and reducing hallucinations to improve response reliability.
- Integrated external APIs and internal data sources to deliver accurate, real-time AI-powered insights.

Store Inventory Management System | Python, SQL, React, Node.js

- Developed a full-stack inventory management system with AI-based demand forecasting using the ARIMA model, improving stock planning accuracy by 25%.
- Created ETL workflows and optimized SQL queries to prepare data for forecasting and inventory analysis.
- Built and tested RESTful APIs to integrate AI-driven forecasting into the inventory management system.

Serverless Cloud Infrastructure | AWS, Docker, Git

- Built a serverless backend application using AWS Lambda, API Gateway, and Amazon S3 to deliver scalable cloud-based services.
- Used Docker for containerization and Git for version control to streamline development, testing, and deployment.
- Monitored, tested, and debugged cloud services to improve application reliability, performance, and security.

GLOBAL CERTIFICATIONS

- Red Hat Certified Enterprise Application Developer
- SalesForce AI Associate

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, JavaScript (ES6+), TypeScript, C/C++.

AI & Machine Learning: Generative AI, Large Language Models (LLMs), Prompt Engineering, LangChain, AI/ML Pipelines, Time-Series Forecasting (ARIMA), Data Preparation

Cloud & DevOps: AWS (Lambda, API Gateway, Amazon S3), Docker, Git, Continuous Integration (CI), Deployment

Databases & APIs: PostgreSQL, MySQL, MongoDB, RESTful APIs, ETL, Vector Databases

Software Engineering: Software Development Lifecycle (SDLC), Testing, Debugging, Monitoring, Responsible AI

ACHIEVEMENTS

- OutSkillxOpenAI Participant: Placed in the Top 100 out of 16,000, demonstrating eagerness to learn emerging AI technologies by rapidly prototyping solutions using modern AI frameworks.
- Prompt Wars Participant: Placed in the Top 50, recognized for strong problem-solving skills and innovative use of Agentic AI concepts and Vibe coding to deliver an interactive user experience.