

Pappala Banuteja Naidu *Senior Software Engineer*

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PROFESSIONAL EXPERIENCE

- Python Developer (contract), ExponentialAI** Jan 2025 – Jun 2025 | Hyderabad, India
- Developed an end-to-end solution with enso, our in-house workflow platform similar to Apache Airflow, to extract data from payer PDFs, store it in a database, and map it to claim codes for insights.
- Senior Software Engineer, Persistent Systems** Apr 2024 – Dec 2024 | Hyderabad, India
- Automated content processing with Azure Functions and stored embeddings in Azure Cognitive Search.
 - Built a chatbot feedback system to capture user feedback and categorized inquiries for cluster analysis.
- Software Engineer, Persistent Systems** Jul 2022 – Mar 2024 | Hyderabad, India
- Developed a Microsoft Teams chatbot API with Flask, Langchain, and LLMs for multi-source information.
 - Migrated SageX3 data to BigQuery with Composer, Dataflow, and Delta loads for near real-time updates.
 - Created a SQL code conversion tool with Flask and LLMs to translate code between databases.
 - Automated data migration from SQL Server to BigQuery, using pyodbc, Pandas, and BQ translation API.
- Software Engineer Intern, Persistent Systems** Feb 2022 – Jun 2022 | Hyderabad, India
- Built a VM monitoring app using Flask, GCP and Cloud Logging, offering real-time insights on VM status.

SKILLS

Programming Languages: Python, JavaScript, Golang, C++, TypeScript



Frameworks & Libraries: ReactJS, React Native, FastAPI, Langchain, Gin, SvelteJS, Airflow, Apache Beam

Cloud & DevOps: Azure, GCP, AWS, Docker, Kubernetes, Git, CI/CD (GitHub Actions, Cloud Build)

Databases: PostgreSQL, SQL Server, MongoDB, BigQuery, Redis, Neo4j

Other Skills: RESTful APIs, WebSockets, gRPC, Celery, HTML, CSS, Data Structures & Algorithms

PROJECTS

- AutoApply, Automated Job Applications with AI**  Mar 2025
- Automation tool using Playwright to fill and submit job application forms without manual intervention
 - Utilized LLMs to understand, navigate and extract job details from provided application links and apply
- AI-CLI, AI-Powered Command Line**  Nov 2024
- Developed CLI that utilizes AI to automate complex terminal tasks through natural language commands
 - Utilized SQLite to store command history, enabling users to track and revert to previous states

CERTIFICATES

Google Cloud Certified Professional Cloud Database Engineer 

Microsoft Certified: Azure Data Scientist Associate 

Udacity AI Programming with Python Nanodegree Program 

AWARDS

- Top Talent Award, Persistent Systems** 17 May 2023
- Awarded for developing an innovative LLM-based SQL translation app, gaining interest from Google.
- Bravo, Persistent Systems** 09 Aug 2024
- Recognized for significant contributions to team success through collaboration and proactive assistance.
- High Five, Persistent Systems** 03 May 2024
- Awarded for exceptional problem-solving and delivering creative solutions beyond project requirements.