Parthiban Gowthaman

+91 8019380192 | gowthamparthiban@gmail.com | LinkedIn | Portfolio: parthiban-g.vercel.app | Bengaluru

PROFESSIONAL SUMMARY

ML leader with 12+ years specializing in early identification of AI trends and translating them into business value. Currently driving Gen AI adoption from CEO office-implementing Claude Code, agentic solutions, and RAG architecture to automate enterprise workflows. Deep expertise in LLM deployment, time-series forecasting, MLOps, and building high-performing teams.

PROFESSIONAL EXPERIENCE

VP - Machine Learning | OakNorth Credit Intelligence | Bengaluru
Nov 2021 - Present

- Drive organization-wide Gen AI adoption from CEO office, deploying Claude Code and agentic solutions that increase analyst efficiency
- Establish enterprise LLM standards and automated analysis systems for earnings transcripts/10-Ks using prompt engineering, RAG architecture, and Claude API
- Developed scenario analysis system for CRE (Commercial Real Estate) and C&I (Commercial & Industrial) loan portfolios using advanced forecasting models and macroeconomic indicators

Manager - Advanced Analytics COE | Flex | Chennai
May 2015 - Oct 2021

- Built price forecasting models for electrical components, enabling commodity managers to identify cost-saving opportunities
- Led inventory optimization, demand forecasting, and supplier modeling projects driving cost reduction
- Established analytics framework and mentored data science team with personalized development plans

Predictive Data Analyst | Quantium Analytics | Hyderabad
June 2013 - April 2015

- Delivered competitive pricing intelligence reports for Australian flood insurance market as part of offshore analytics team

TECHNICAL SKILLS

Core: Python, SQL, Git

Gen AI & LLMs: Claude, Claude Code, Skills.md, Prompt Engineering, RAG (Retrieval-Augmented Generation), LangChain, Vector Databases, MCP (Model Context Protocol), Agentic AI

Machine Learning: Scikit-Learn, TensorFlow, PyTorch

MLOps: Docker, MLflow, GitHub

Cloud: Vertex AI, Azure ML, AWS SageMaker

Statistics: Time-Series Analysis, Hypothesis Testing

PROJECTS

AI-Assisted Portfolio Development

Built with Claude Code and verified by human, demonstrating practical implementation of agentic AI workflows for software development

CERTIFICATIONS

- Agent Skills with Anthropic
- Multi AI Agent Systems with CrewAI
- Building Systems with LLMs

EDUCATION

Master of Science in Financial Economics | Madras School of Economics, Chennai | June 2011 - May 2013

Bachelor of Engineering in Electrical & Electronics | PSNA College, Anna University, Chennai | May 2005 - May 2009