

Vignesh Viswanathan Nambiar | AI Engineer & Full-Stack Developer

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Professional Summary

AI Engineer and Full-Stack Developer specialized in building intelligent, scalable applications. With a Master's in Big Data from IE University and consulting experience at Capgemini, I bridge the gap between Data Science and Product Engineering. My focus is on architecting Agentic Workflows, integrating Large Language Models (LLMs) into Finance/Legal tech, and shipping production-ready SaaS products using Next.js and Python.

Education

IE School of Science and Technology

Madrid, Spain

Sep 2022 – Jul 2023

Master's in Business Analytics and Big Data

Relevant Courses: Machine Learning, Natural Language Processing, SQL/NoSQL Databases, Python, MLOps, Computer Vision, Data Visualization (Power BI, Tableau)

Manipal University Jaipur

Jaipur, India

Aug 2015 – Jul 2019

Bachelor of Technology, Information Technology

Relevant Courses: Java, Data Structures, DBMS, Cloud Computing, Data Mining and Warehousing

Professional Experience

Evidency

Remote

Nov 2022 – Present

Global Insight Provider, Part-time

- Conducting deep-dive corporate due diligence and background investigations to identify risks and compliance issues for global clients
- Leveraging OSINT tools and public records to provide high-value intelligence, ensuring data accuracy and actionable insights
- Specialized in risk assessment and compliance verification for multinational corporations

Capgemini - Business Intelligence

Bengaluru, India

Jan 2020 – Mar 2021

Senior Data Analyst

- Evaluated and identified untapped sales opportunities worth over 2 million US dollars for Johnson & Johnson utilizing Python, R, and Qlik Sense
- Empowered clients through training, presentations, and consultations on due diligence and thorough risk assessment to devise better marketing strategies

Capgemini - Business Intelligence

Bengaluru, India

Jun 2019 – Jan 2020

Data Intern

- Strengthened client interaction, presentation and leadership skills
- Comprehensive training in Java, Python, SQL, Hadoop, Spark, Unix, and Talend

Skills

Programming: Python (NumPy, Pandas, Scikit-Learn, TensorFlow, Streamlit), TypeScript, JavaScript, Java, C++, R, SQL, NoSQL (MongoDB), DB2

Full-Stack: Next.js, TypeScript, React, Firebase (Studio), Google Cloud Platform, Supabase, Vercel, Tailwind CSS, Clerk Auth

Cloud & DevOps: Vercel, AWS, Google Cloud, GitHub Actions, Docker

Big Data: Hadoop, Spark, PySpark, Unix Shell, Looker Studio, Qlik Sense, Tableau, Power BI

AI & ML: Agentic Workflows, LLM Integration, Precision Prompting, Model Fine-tuning, TensorFlow, Scikit-Learn, PyCaret

Major Projects

Recent Projects (2025-2026).....

Legalese.ai (Jan 2026): AI-powered legal document analysis platform using LLMs. Simplifies complex contracts in seconds. *Tech: TypeScript, Next.js, React, Supabase, Clerk Auth*

NSE Trade Bot (Nov 2025): AI-powered NSE trading simulation bot using Google Gemini. Analyzes market trends and simulates trades. *Tech: Python, Google Gemini API, Financial Data APIs*

Storyline.io (Jan 2026): Personal memory tracker and digital timeline application. *Tech: TypeScript, React, Next.js, Supabase*

Certificate Tracker (Nov 2025): Automation tool for HR/compliance. Creates Excel reports with employee certificates. *Tech: TypeScript, Excel Integration*

BudgetRoam (Jun 2025): Travel budget management application. Helps travelers track expenses. *Tech: TypeScript, Next.js, Supabase, Vercel*

Aether Glide (Jan 2026): Modern web application with responsive design. *Tech: TypeScript, Next.js, Tailwind CSS*

Chat Analysis: Python-based tool to analyze chat data and communication patterns. *Tech: Python, Data Analysis, Visualization*

Previous Projects.....

Natural Gas Pipes: Datathon project identifying potential pipe leakages using ML. *Tech: Python (Scikit-Learn, Pandas)*

Employee Attrition: ML algorithms for enhancing employee retention with interactive dashboard. *Tech: Python (Scikit-Learn, Streamlit)*

Lit-Graph NLP (Mar 2025): NLP using GraphViz to explore relationships between words and linguistic structures in Icelandic text. *Tech: Python, NLP, GraphViz*

KPMG Impact: Sales forecasting pipeline increasing prediction accuracy by 10%. *Tech: Python (ARIMA, XGBoost, RNN, PyCaret)*

Google Play Analysis: Led team analyzing Play Store data for market insights. *Tech: Hadoop, Spark SQL, Talend*

Certifications & Awards

Jun 2023: Foundations of Sustainability – IE University School of Science & Technology

Nov 2022: Celonis Datathon 2022 Finalist – Advanced to finals demonstrating analytical skills and teamwork

Languages

English: Native

Hindi: Fluent

Malayalam: Native

Spanish: Basic