

JITISH RAJANKUMAR PADHYA

Contact: +46763250786 | jitish.padhya@gmail.com | [Portfolio](#) | [GitHub](#) | [LinkedIn](#) |

Location: Stockholm and Gothenburg, Sweden, willing to relocate (B driver's license holder)

PROFILE

Data Science student and Software Engineering graduate combining strong mathematical foundations with practical experience in **generative AI tools** and **ML pipelines**. Passionate about financial markets with managing a personal portfolio mainly focusing in US equities, and applying engineering solutions to complex data problems. Proven track record of driving innovation in **agile environments**, including **developing proprietary LLM tools** at **Ericsson**.

TECHNICAL SKILLS

Programming Languages: Python, R, Java, JavaScript, TypeScript, C++, SQL, NoSQL, HTML, CSS.

AI & Data Science: PyTorch, Scikit-learn, NumPy, Pandas, Matplotlib, Plotly, Hugging Face (Transformers).

Web, Embedded & Architecture: OpenDLV, Arduino, React, Vue.js, Node.js, Django, Streamlit, FastAPI, WebSocket.

Cloud, DevOps, & Database: Docker, Kubernetes, GCP, GitLab CI/CD, Vercel, PostgreSQL, MongoDB, SQLite.

Frameworks & Tools: Android Studio, VSCode, Agile/Scrum, Office 365, Google Suite.

Languages: English (Fluent), Hindi (Fluent), Swedish (Intermediate)

WORK EXPERIENCE

ERICSSON | *Student/ Summer Research Intern* | Gothenburg, Sweden

April 2025 - September 2025

- Developed a VSCode extension in an agile environment using TypeScript and proprietary LLM to assist in software requirements analysis accessible to 100+ software engineers within the organisation.
- Conducted action research that verified a 26% increase in internal requirement criteria quality.
- Tech Stack:** JavaScript, TypeScript, Jest, VS Code Extension API, Jira, GitLab CI/CD.

BOSLEO LLC | *AI/ML Software Developer Intern* | Remote (freelance)

December 2024 - January 2025

- Developed a real-time Healthcare Agentic AI for automated clinical transcription using OpenAI Whisper and LiveKit, architecting a low-latency Python/ FastAPI backend.
 - Reduced manual data entry time by 80% in clinical trials through efficient data extraction pipelines.
 - Tech stack:** Python, OpenAI Whisper, LiveKit, Pytest, FastAPI, WebSocket.
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KEY PROJECT HIGHLIGHT

[\[GITHUB\]](#) **CYBERSAFEAI: ANALYSE TEXT FOR TOXIC CONTENT (Full-stack AI application)**

- Deployed a scalable BERT LLM pipeline on GCP using Kubernetes and Docker, integrated into a Django app to detect toxic content with 89.5% accuracy and 85.1% F1 score.
- Tech stack:** Python, PyTorch, Scikit-learn, NumPy, Pandas, Matplotlib, SQLite, Docker, Kubernetes, GCP, Django, Gitlab CI/CD, JS, HTML.

[\[WEBSITE\]](#) **REAL-TIME TECHNICAL ANALYSIS FINANCIAL DASHBOARD (Financial Data Science)**

- Engineered a financial data pipeline using Pandas and NumPy, processing technical indicators for 10-15 tickers in under 600ms.
 - Deployed an interactive dashboard to provide technical indicators (RSI, SMA-50/200, Golden/Death Cross detection) for US equities and using Streamlit and Plotly, rendering dynamic candlestick charts and volume.
 - Tech Stack:** Python, Streamlit, Plotly, Pandas, Yahoo Finance API, NumPy, Git.
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EDUCATION

MSc in Data Science, Statistics, and Decision Analysis | *Stockholm University* | *Expected June 2027*

BSc in Software Engineering and Management | *University of Gothenburg* | *Graduated June 2025*

International Baccalaureate Diploma | *Hvitfeldtska Gymnasiet, Gothenburg, Sweden* | *Graduated June 2022*

CERTIFICATION AND INTERESTS

The Generative AI Cloud Odyssey: Exploring AWS, Azure, and GCP | *Codecademy* | *Issued Dec 2025* | [Credentials](#)

Foundry & AIP Builder Foundations | *Palantir Technologies* | *Issued April 2025* | [Credentials](#)

Analyze Data with R | *Codecademy* | *Issued November 2025* | [Credentials](#)

Interests: Financial markets and investing, travelling, music, gym and fitness, football, cricket, and Formula 1.

Professional and academic letters of recommendation, and transcripts are available on request.