

E.J. Wagenaar

Ecoverde Indahag Phase 2, Block 3 Lot 6, Cagayan de Oro City, Philippines

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Professional Profile

Experienced **AI & Software Developer / Data Consultant** with over 20 years of professional experience in **Java development**, **AI automation**, and **enterprise software engineering**. Former Java Developer at the **European Patent Organization (EPO)** in The Hague, contributing to open-source projects such as **Apache Lucene**, **Nutch**, and **Solr**. Previously worked for IBM Business Partners **EMD** and **MINT** as a **Lotus Notes / Domino Developer** specializing in Java integration. Currently leading **EvertsLabs.org**, delivering intelligent automation systems, AI dashboards, and workflow solutions that bridge classical enterprise systems with modern AI-driven architectures.

Core Competencies

- Programming: Java, Python, JavaScript, SQL, Shell
- AI & Data: Machine Learning, NLP, Predictive Modeling, LangChain, Llama, OpenAI APIs
- Frameworks: Spring Boot, Flask, TensorFlow, PyTorch, FastAPI
- Cloud & Tools: Docker, Ollama, OpenWebUI, AWS, GitHub, VS Code
- Automation: AI workflow orchestration, OCR pipelines, document generation
- Web & SEO: WordPress, RankMath SEO, HTML/CSS, RESTful APIs
- Other: Technical writing, prompt engineering, SEO optimization, automation consulting

Professional Experience

Freelance AI & Data Consultant

EvertsLabs.org | Remote | 2021 – Present

Develops AI-driven automation and data intelligence tools for legal, technical, and business domains. Implements LangChain-based architectures and integrates LLMs using local and cloud environments. Designs AI dashboards for analytics, performance tracking, and intelligent decision support. Advises organizations on AI adoption strategies, SEO automation, and workflow optimization.

Lotus Notes / Domino Developer (Java Integration Specialist)

EMD & MINT (IBM Business Partners) – The Hague / Rotterdam | 2000 – 2007

Designed and developed enterprise applications for **Lotus Notes / Domino** using **Java** and IBM middleware technologies. Integrated Java-based modules into IBM product suites, enhancing automation and data exchange across systems. Developed plugins and custom components for **Lotus Notes**, **Domino Server**, and **WebSphere** environments. Collaborated with clients to modernize legacy systems and implement secure, scalable document workflows. Provided long-term support, migration, and technical consulting for corporate clients in the Netherlands.

Java Developer / Apache Nutch Programmer

European Patent Organization (EPO), The Hague | 2007 – 2017

Built and maintained enterprise-level Java applications for patent data management. Actively contributed to open-source projects **Apache Lucene**, **Nutch**, and **Solr**, focusing on large-scale search indexing and information retrieval systems. Enhanced system stability and performance through modular architecture and optimization. Collaborated with international development teams to improve digital patent services and automation systems.

Chemical Analyst

Various Laboratories, The Netherlands | 1990 – 2000

Performed advanced analytical testing in quality control and process chemistry. Developed early laboratory automation systems for chemical data processing and reporting.

Education & Certifications

Bachelor's Degree in Chemical Analysis – University of Applied Sciences Utrecht, The Netherlands

Certifications & Training: AI Engineering (LangChain, OpenAI API, Deep Learning), SEO & Web Automation (WordPress, RankMath), Prompt Engineering & AI Workflow Design

Projects

- **LexiMail (2025):** AI-based email automation and summarization system for legal professionals.
- **Slim Groeien 2030:** AI-powered sustainability and nitrogen reduction policy model for the Dutch government.

Languages

Dutch (Native), English (Fluent), Bisaya/Tagalog (Basic Conversational)

Interests

Artificial Intelligence, sustainability, ethics in technology, British comedy, creative writing.