



## Rene Kristofer Pohlak

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### Summary

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AI-focused full-stack developer building production features across TypeScript and Python. Experience includes RAG workflows, vector databases, structured LLM pipelines, backend systems, automation, and API integrations, backed by hands-on infrastructure work with Proxmox, Docker, CI/CD, and service monitoring.

### Work Experience

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**Full-stack Developer**, Amperly, Estonia

*Jan 2026 – Mar 2026*

- Built and shipped AI-powered full-stack features across TypeScript and Python, including RAG workflows, vector-database retrieval, and structured LLM pipelines.
- Developed backend services and automation that connected AI workflows with APIs, data processing, and production-facing application logic.
- Improved reliability of LLM-powered systems by adding observability and evaluation around AI workflows and supporting backend services.

**Technician Intern**, Siseministeeriumi infotehnoloogia- ja arenduskeskus (SMIT), Estonia

- Managed technical support tickets in Jira and gained experience with IT operations and organizational workflows.

### Education

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**Tallinna Tööstushariduskeskus**, Estonia

- Industrial Informatics, EQF Level 4 (Junior IT Systems Specialist)

**The Odin Project**, Online

- JavaScript curriculum with multiple full-stack projects

### Technical Skills

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- **AI & Retrieval:** RAG workflows, vector databases, structured LLM pipelines, prompt design, AI observability
- **Full-stack:** TypeScript, React, Node.js, Python, API design, backend systems, workflow automation
- **Infrastructure:** Docker, Proxmox, CI/CD, PostgreSQL, SQL, monitoring
- **Tools:** Git, Jira, Langfuse, n8n, C#

### Languages

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- Estonian: Native
- English: Proficient
- Japanese: Upper-Intermediate