Alex Ho

he/him • Helsinki, Finland • +358442491097 • alexhohoan@gmail.com • linkedin.com/in/alex-ho08 • alex-ho-portfolio.vercel.app/

Junior Data Engineer

Graduate-level developer transitioning into data engineering and analytics, with a background in full-stack development and hands-on experience working in Linux-based environments, containerized systems, and structured workflows. Experienced working in technical, process-driven roles where data quality, system reliability, and clear documentation are essential. Currently developing skills in Python-based data processing, SQL, cloud platforms, and modern data tooling — aiming for junior roles in data engineering, analytics engineering, or data-driven software development.

WORK EXPERIENCE

Outlier - AI Data Training Platform by Scale AI   **12/2024 - Present**
AI Data Quality Control Specialist • Remote • Contractor
- Reviewed and evaluated AI-generated outputs to ensure clarity, accuracy, and task relevance.
- Monitored data quality in structured workflows, following strict accuracy and consistency guidelines.
- Documented issues and improvement feedback to support AI model alignment and reliability.
- Worked independently in a quality-driven environment with defined performance expectations.

Key strengths gained: attention to detail • analytical review • structured data workflows

MUNCHI   **04/2024 - 07/2024**
Full Stack Developer Intern • Helsinki, Finland • Internship
- Developed new ecommerce storefronts for onboarded customers using modern JavaScript frameworks.
- Built and improved front-end features supporting real-world business workflows.
- Integrated and worked alongside backend services via REST APIs.
- Deployed and maintained application services in **Docker + Linux** environments.
- Collaborated in **agile teams** using Git-based workflows.

Tech: JavaScript, React, Node.js, Prisma, Docker, GCP, Git, Agile

SKILLS

Data & Analytics: Python, SQL, Pandas, PySpark, DuckDB, Data Pipelines, Data Cleaning & Validation, Matplotlib, Streamlit, Reporting, Data Visualization, Monitoring

Cloud & Platforms: Google Cloud Platform, Docker, Linux, Deployment Workflows

Software Development: JavaScript, TypeScript, React, REST APIs, Docker, Node.js, Next.js, Git/Github

Processes & Collaboration: Agile / Scrum, Process-Oriented Workflows, Documentation & Standards, Cross-Functional Collaboration

Languages: English (Professional), Finnish (Intermediate), Swedish (Intermediate)

VOLUNTEERING & LEADERSHIP

Vietnamese Professionals in Finland (VPF)   04/2025 - Present
Tech Coordinator • Helsinki
- Maintained the NGO's **website and internal tools**, using **Google Workspace** (Sheets, Forms, Drive)
- Coordinated with **event and operations teams** to support workshops and networking events
- Maintained **membership data** and supported basic automation for mass email communications
- Ensured technical tools were **reliable, up to date, and fit for operational needs**

Junction   05/2023 - 01/2024
Full Stack Developer
- Developed and improved web application features using modern JavaScript frameworks
- Debugged frontend and backend components to improve **system stability**
- Worked in **agile, cross-functional teams** using Git-based workflows

PROJECTS

Customer360 ETL & Analytics Pipeline   12/2025 - 12/2025
• Built and automated Linux-based data processing pipelines using Python
• Created reusable scripts for environment setup, validation, and execution
• Deployed services in containerized environments using Docker
• Designed monitoring and validation logic to ensure reliable system behavior
• Maintained configuration and documentation for repeatable deployments

Tech: Python, PySpark, SQL, DuckDB, Streamlit, Docker

Uusimaa Job Market Analytics Pipeline   07/2025 - 07/2025
- Built a Python-based data analytics pipeline to process and visualize regional job market trends.
- Performed data transformation, cleaning, validation, and normalization into a SQLite database.
- Implemented automated analysis workflows and created dashboards and exportable reports for stakeholders.
- Technologies: Python, pandas, Streamlit, SQLite, Cursor. **[View Project]**

Data Visualization Application   12/2024 - 12/2024
- Built a web app for visualizing CSV-based time-series data with interactive charts.
- Added date filters and normalization toggles for comparative analysis.
- Implemented using Next.js, TypeScript, React, Chart.js, and Tailwind CSS. **[View Project]**

EDUCATION

Business Information Technology in Software Engineering
Haaga-Helia University of Applied Sciences • Helsinki, Finland   08/2020 - 06/2024
- Practice-oriented degree combining business processes, information systems, and software engineering
- Strong focus on system thinking, infrastructure basics, automation concepts, and technical documentation
- Worked on cross-functional projects with Finnish companies in team-based environments

Full Stack & DevOps Intensive Training

Integrify Academy • Helsinki, Finland   06/2022 - 11/2022

- Completed industry-focused training in full-stack development and DevOps practices
- Built and deployed applications using JavaScript, React, Node.js, and containerized environments
- Gained hands-on experience with deployment workflows, system reliability, and automation basics