

David Andreasson

Backend / Integration Developer

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PROFILE

Junior backend developer with a focus on Java, integrations, automation, and reliable data flows. I enjoy building systems that need to run predictably in production, with clear logging, stable behavior, and data handling that is safe, traceable, and easy to troubleshoot.

My main direction is backend and integration work, especially where information moves between systems and needs to be processed in a controlled and maintainable way.

Before moving into software development, I worked as a train driver. That background shaped how I work: structured, dependable, calm under pressure, and focused on solutions that need to work correctly every time.

I am also highly interested in AI-assisted development and use tools such as Windsurf, IntelliJ, and GitHub Copilot in my daily workflow for analysis, implementation support, and PR review.

CORE STRENGTHS

- Backend development with Java / Spring Boot
- Automation and ingestion workflows
- Building systems that are stable, observable, and maintainable
- System integration and REST API design
- CI/CD and containerized deployments

TECHNICAL SKILLS

Backend: Java 21, Spring Boot, Spring Security, Spring Data JPA, REST API design

Integration & Data: REST APIs, API integrations, OAuth2, JWT authentication, data ingestion, automated workflows

DevOps & Infrastructure: Docker, CI/CD pipelines (GitHub Actions), container deployments, logging and monitoring

Databases: PostgreSQL, MySQL, H2, JPA/Hibernate

Tools: Maven, Git, Swagger/OpenAPI, Lombok, Logback, JaCoCo

Other: OpenAI API, Stripe API, OCR, RSS feeds, PDF generation, AI-assisted development

PROFESSIONAL EXPERIENCE

System Developer (Internship – LIA) | Utlysningar.com

Jan 2026 – Present

Worked with backend automation, ingestion flows, and internal platform improvements for external data sources.

- Converted manual data collection tasks into scheduled automated jobs
- Built a daily import flow handling around 17,000 records per run, with safe upserts, clear logging, and reliable error handling
- Introduced a staging → approval → production flow to improve data quality and reduce the risk of incorrect updates going live
- Worked on a config-driven ingestion runner to standardize how new data sources are connected, validated, processed, and maintained
- Improved traceability and day-to-day operability through better run logging, safer re-runs, and more predictable ingestion behavior
- Worked with enrichment flows to turn raw incoming data into more structured and useful internal data

PROJECTS

Drillbi – AI-Powered Quiz Platform

- Built the backend API in Spring Boot with JWT-based authentication
- Integrated OpenAI and Claude for quiz generation and explanations
- Built an AI-generated frontend in React/TypeScript to complement the backend solution
- Integrated Stripe for subscriptions and payments

E-Commerce Microservices Platform

- Built a microservices-based backend with separate services for users, products, and orders
- Implemented secure service-to-service communication using JWT
- Worked with containerized local environments and CI/CD-focused deployment flows
- Built an AI-generated frontend in React/TypeScript to complement the backend solution

Nova Report – Automated News Intelligence Platform (Thesis Project)

- Built a modular SaaS platform using Java / Spring Boot microservices
- Collected data from RSS feeds and external APIs
- Added AI-based analysis and summaries
- Delivered reports through email and Discord notifications
- Deployed the platform with Docker Compose

EDUCATION

Higher Vocational Education (YH) | Java Developer – Integration, Campus Mölndal

2024 – 2026

Courses completed with highest grade (VG):

- Object-Oriented Programming in Java (Basic + Advanced)
- Database Design and Management
- Test and Quality Assurance
- APIs and Web Services
- Data Preparation for AI
- System Integration
- Cloud Integration
- Consulting Skills and Communication
- Thesis Project

Remaining course: Internship (LIA)

PREVIOUS PROFESSIONAL EXPERIENCE

Train Driver | SJ AB / MTR Mälartåg / Transdev

2017 – 2026

- Responsible for safe and punctual train operations
- Developed strong stress management and decision-making skills

Regstrar | Swedish Migration Center

2015 – 2016

- Digital registration and management of population data

IT Support / Technician | Mjölby Municipality – Dackeskolan

2012 – 2014

- Technical support and troubleshooting
- Hardware installation and user support

ADDITIONAL INFORMATION

Strong academic performance throughout the program • Focused on backend development, integration architecture, and automation • Strong interest in AI-assisted development workflows • Available for relocation within Sweden after graduation