Senior Backend / Automation Engineer

Are you passionate about building robust, scalable backend systems that support cutting-edge digital experiences? As a **Senior Backend / Automation Engineer** at MapsPeople, you'll be a key contributor to the infrastructure behind our indoor mapping platform helping us deliver intelligent, automated, and future-ready services to customers worldwide.

Join the Engineering team at MapsPeople and help us evolve our platform into a modern, event-driven, cloud-native architecture. You'll play a central role in developing scalable APIs, building data workflows in Airflow, automating backend processes, and contributing to how we operationalise machine learning in production.

Our Engineering team is a creative group of problem-solving developers who thrive on technical challenges and believe in building future-proof solutions. We understand that the best platforms are built through extendable architecture, scalable infrastructure, and close collaboration between teams.

What you will do

- Take lead in designing, building, and maintaining workflow orchestration using Apache
 Airflow—driving reliability and transparency in data and ML pipelines.
- Collaborate closely with ML engineers and data teams to support the deployment and operationalisation of machine learning models.
- Help define and improve our platform architecture, ensuring it remains secure, scalable, and maintainable with the software architect.
- Drive automation efforts across infrastructure, data ingestion, and deployment workflows to reduce manual overhead and improve consistency.
- Participate in code reviews, technical discussions, and mentoring to elevate engineering quality across the team.
- Contribute to improving our DevOps practices and cloud operations (GCP), including monitoring, alerting, and cost optimization.

We imagine you come with

- 8+ years of experience as a professional software engineer, with strong backend fundamentals.
- 5+ years of experience building distributed backend systems, APIs, or automation workflows.
- Proficiency in Python and comfort working in data-heavy environments.
- Experience in utilising AI tooling and LLMs. (curiosity in this space is important)
- Proficiency in Cloud-Native technologies such as Kubernetes and Open Telemetry
- · Hands-on experience with Airflow in a production setting.
- Experience with cloud platforms—preferably Google Cloud Platform (GCP)—including infrastructure-as-code, containerisation (Docker), and CI/CD pipelines.
- A strong sense of system design, performance optimisation, and clean architecture principles.
- Excellent communication skills, with the ability to work cross-functionally and occasionally represent technical perspectives in discussions with partners or customers.
- Bonus: Familiarity with deploying or supporting machine learning models in production environments.
- · Bonus: Experience in C# .NET

What you get

In this role, you'll be part of a highly skilled and supportive team working on a fast-evolving platform. You'll gain opportunities to influence architectural decisions, own critical systems, and grow professionally—whether you're deepening your backend expertise, expanding into ML ops, or mentoring future team members.

Who are we

MapsPeople is a world-leading provider of indoor mapping through our flagship product 'MapsIndoors'. We connect people and buildings through dynamic indoor maps and real-time data

visualisations, empowering occupants to make better decisions.

MapsIndoors powers a wide range of smart building technologies, including way-finding, room and desk booking, occupancy, positioning, and much more.

We partner with large and innovative businesses that provide smart building solutions to help them increase their product value, grow their business, and reach our goal of mapping every smart building in the world - we've already mapped more than 25,000 of them.

MapsPeople works on a global scale with office locations in Copenhagen (Denmark), Aalborg (Denmark), Toronto (Canada), Bucharest (Romania) and Austin (Texas). We offer you a flexible setup with the possibility to work from one of our modern office locations or remotely from anywhere in Denmark.

Let's map the built world together.