



The Institute of Molecular Biotechnology (IMBA), the Gregor Mendel Institute (GMI), and the Institute of Molecular Pathology (IMP) are international research institutes dedicated to excellent curiosity-driven research in molecular biology. The institutes are located at the Vienna BioCenter, one of Europe's leading life sciences hubs, bringing together research institutes, universities and biotech companies in Vienna. Join the IT department as an

IT Application Specialist

We are looking for an IT Application Specialist to develop, integrate, and operate the applications that keep our organization running. You will work across the full stack – from Python and Java development to Jira Cloud configuration, data pipelines, and BI dashboards – turning business requirements into reliable, well-documented technical solutions.

The role suits someone who enjoys variety, from hands-on coding and API design to database work and deployment, and who is keen to bring AI-assisted development into everyday practice.

Your responsibilities:

- Develop and maintain internal applications and integrations using Python, Java, and suitable web technologies
- Evaluate, implement, integrate, operate, and further develop company-wide applications
- Gather requirements and translate user needs into sustainable technical solutions
- Design and maintain APIs, webhooks, batch processes, interfaces, and data flows
- Configure Jira Cloud projects, workflows, permissions, automations, and custom fields
- Work with relational databases, advanced SQL, data models, and ETL/ELT processes, ideally using Snowflake
- Create dashboards and analytics solutions using Sigma Computing or comparable BI tools
- Deploy and operate applications using Docker, Kubernetes, CI/CD, monitoring, and hosting platforms
- Implement secure coding, authentication, secrets management, and audit logging
- Use AI coding tools, LLM APIs, agents, and automation in application development
- Maintain technical and user documentation and occasionally provide user support or AI workshops

Your profile:

- At least three years of relevant experience in application development, integration, or a comparable role
- Strong programming experience in Python or Java and familiarity with the other
- Good understanding of software architecture, front-end and back-end development, APIs, integrations, and automated testing
- Strong knowledge of SQL, relational databases, data modeling, and data integration
- Experience with Docker, Kubernetes, Git/GitHub, and CI/CD tooling such as GitHub Actions or Jenkins
- Experience with application deployment, monitoring, and troubleshooting
- Practical experience with Jira Cloud configuration and business intelligence tools
- Extensive experience with AI-assisted coding, prompt engineering, and AI-supported development workflows
- Independent, proactive, and structured way of working, with the ability to manage changing priorities
- Strong communication skills and very good English; German is beneficial

Nice to have:

- Experience with specifically Snowflake, Sigma Computing, Railway, and / or Sentry
- Experience developing AI-enabled applications, RAG solutions, or self-hosted AI systems
- Familiarity with OAuth, SSO, and secure application design
- Experience delivering technical workshops or user training

An annual gross salary starting from € 60,000 (approx. € 5,000 gross per month, paid 14 times a year), with a willingness to pay more depending on your professional qualification and experience.

Interested? Apply via the link below with just your CV and motivation letter:

Apply Now

IMBA - Institut für Molekulare Biotechnologie GmbH

Dr.-Bohr-Gasse 3

A-1030 Wien

www.imba.oeaw.ac.at