

## Job Posting – Full-Stack Developer (32–40h)

**Start:** as soon as possible

**Workload:** min. 32 hours/week

**Location:** Berlin / remote

**Field:** Software Development, EdTech, AI, Competence Data

**Status:** March 2026



At mycelia, an institute for learning experiences, people from diverse fields (business, academia, design, technology, communication) collaborate. With strong commitment, we work on systemic levers to transform the education landscape. We build bridges between research and practice to bring innovation and future skills into society.

As an applied research and development institute, we translate scientific insights on didactics and modern learning into real-world solutions.

Our projects in the field of competence orientation support a lifelong learning society by helping individuals understand and purposefully develop their skills. **We are looking for support in software development (minimum 32 hours/week).**

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## Your Responsibilities

### Full-Stack Development

- Technical development and scaling of the **OpenEducationalBadges** product
  - GitHub repositories:
    - <https://github.com/mint-o-badges/badgr-server>
    - <https://github.com/mint-o-badges/badgr-ui>
  - **Backend development (e.g. Python/Django):** Further development of our badge backend, focusing on data models, feature planning and implementation, and security
  - **Frontend development:** Continuous improvement and expansion of user interfaces (current frontend based on Angular – but we value transferable knowledge)
  - **Payment system development:** Design and implementation of an integrated payment system with a suitable payment gateway and integration into our CRM systems
  - Contribution to the development of new features
  - **DevOps & Infrastructure:** Co-design of deployment processes, CI/CD (GitHub Actions), and monitoring
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### Competence Data & AI

- **Data modelling:** Further development of the competence data model
- **AI integration:** Implementation and extension of AI methods (e.g. recommendation systems)
- **API design:** Development of interfaces enabling external platforms to access our competence and AI functionalities

## Interdisciplinary Collaboration

- Close collaboration with the product owner for strategic alignment and planning
  - Working with learning design, UX, and product management to bring features from idea to rollout
  - Technical consulting for funding applications and partner projects
  - Collaboration with and quality assurance of external development teams
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## What You Bring

### Technical Skills

- Good knowledge of **Python** and ideally experience with **Django**, including building RESTful APIs
  - Confident use of **Docker**, Docker Compose, relational databases (e.g. PostgreSQL/MySQL), and GitHub
  - Experience in modern frontend development (React, Angular, Vue) with JavaScript/TypeScript; ideally also mobile-oriented frameworks
  - Experience in **DevOps, test automation, and cloud infrastructure**
  - Knowledge of **Open Badges** and **Verifiable Credentials** is a plus
  - Experience with **semantic data modelling** (e.g. ontologies, ESCO taxonomy) and interest in AI-driven methods (recommendation engines)
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### Personal Skills

- Experience in working as part of a professional product development team
- Ability to think holistically in products rather than just tickets; proactive mindset with entrepreneurial thinking
- Independent working style combined with strong teamwork and communication skills – we work in an agile and transparent way
- Passion for education, digital skills, and societal impact

- Willingness to learn and explore complex technologies (AI, ontologies)
  - Experience working with sprint and Kanban processes
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## What We Offer

- The opportunity to actively shape platforms with societal impact
  - A diverse and meaningful role with creative freedom and ownership
  - Work with modern tech stacks and open-source code
  - Flexible working hours, hybrid/remote options, and a collaborative team
  - Opportunities for personal and professional development (e.g. training)
  - 30 days of paid leave (based on a 5-day week)
  - Fair salary within our transparent salary model:
    - With ~2-3 years of experience (32h/week): €4,000–€4,500 gross/month
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We look forward to your application (CV, project links/GitHub, short motivation) via email to **Franzi Schmid (jobs@mycelia.education)**. Applications will be reviewed on a rolling basis.

We see every job posting as an opportunity to reduce existing barriers. We therefore explicitly welcome applications from people with disabilities. If you have specific needs, we will work together to find suitable solutions.