



ALEXEY KOPCHINSKIY

Full-Stack Web Developer, Database Engineer,
Systems & Identity Management Specialist

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MY APPROACH

I leverage my experience in scientific programming to engineer stable, secure data workflows.

CORE COMPETENCIES

- Full-Stack Web Development (PHP, Django, JavaScript, JQuery)
- Database Architecture & Engineering (MySQL, PostgreSQL)
- Identity & Access Management (IAM)
- Secure Intranet Systems & RBAC
- Joomla/Fabrik Enterprise Portals
- RESTful APIs & Backend Logic
- UI/UX for Data-Driven Applications
- Network Administration & Security
- Version Control (Git)
- Agile Principles
- Software Testing (Jest)
- Linux & Windows Environments

PERSONAL STRENGTH

- Trusted with sensitive identity and access management operations
- Strong analytical and system-thinking mindset
- Experience in scientific and biotech environments
- High reliability, precision, and long-term project ownership

EDUCATION

- **Full Stack Software Developer Diploma** Code Institute (<https://codeinstitute.net>) — Certified
- **Books**, lots of them..

SUMMARY

Certified Full-stack Software Developer and systems specialist with over 20 years of experience in Austria, including long-term work at TU Wien and recent development of secure intranet platforms for biotech environments. Strong expertise in **PHP, Django, JavaScript, MySQL/PostgreSQL**, and **Joomla/Fabrik**. Skilled in designing large-scale databases, implementing RBAC-driven systems, and modernizing complex workflows. Trusted with identity and access management responsibilities, including sensitive account operations and authorization management. Combines technical depth with reliability, precision, and long-term project ownership.

PROFESSIONAL EXPERIENCE

EVOLOGIC TECHNOLOGIES GMBH

2022 - 2024: Full-Stack Developer & Intranet Systems Engineer

- Developed and maintained the company's secure intranet platform with authenticated access to employee data and internal resources.
- Designed interactive databases for chemical inventories, laboratory equipment, and documentation workflows.
- Built a role-based online system for managing SOPs (Standard Operating Procedures), introducing structured version control and replacing outdated paper-based processes.
- Improved internal data accessibility, reduced document retrieval time, and increased operational transparency.
- Supported internal teams with custom tools for data entry, reporting, and workflow automation.

INDEPENDENT WEB DEVELOPER & IT CONSULTANT

2020 - 2022: Field Technician / Rope Access Specialist — Full-Time Contract

- Designed and developed custom web applications, interactive databases, and content-driven platforms for private clients and small organizations.
- Delivered multiple production websites (Ailiens.net, HostingWatchers.com, Korolevska.eu, RaviHazard.com).
- Expanded expertise in PHP, Django, JavaScript, Joomla/Fabrik and enterprise-level database design.
- Used Joomla/Fabrik to rapidly build large portals with multi-level, secure access control.

PROFESSIONAL EXPERIENCE (continued)

KRATKI GMBH

2019 - 2020: *Field Technician / Rope Access Specialist — Full-Time Contract*

- Performed rope-access operations, inspections, and technical maintenance in demanding environments while adhering to strict safety protocols, demonstrating precision, discipline, and responsibility, and strengthening situational awareness, teamwork, and problem-solving under high-risk conditions.

TU WIEN — VIENNA UNIVERSITY OF TECHNOLOGY

2003 - 2018: *Web Developer, Database Engineer, Systems Administrator, Address Manager*

Web Development & Database Engineering

- Developed and maintained websites for the department, institute, and research groups.
- Built interactive web applications for scientific projects and PhD training programs.
- Built interactive online platform for identification of fungal species based on available information on genetic sequencing (TrichOKey, <https://pubmed.ncbi.nlm.nih.gov/16154784/>)
- Created a dynamic web application to manage participant registration for the 7th European Conference on Fungal Genetics (ECFG7)
- Designed and maintained a large interactive genetic information database used by laboratory staff.
- Created a secure web portal for managing staff accounts and internal workflows.

Identity & Access Management (Address Manager Role)

- Managed institute-level identity and access data within the TU Wien address book (TISS).
- Assigned roles, permissions, and functional responsibilities to institute members.
- Created and approved authorization groups (upTUpdate) for controlled access to internal systems.
- Approved creation of external and functional user accounts in Tuidentity.
- Performed sensitive account operations (password resets, mail options) for employees who permitted it.
- Ensured secure handling of identity-related data and compliance with TU Wien security policies.