

Julian Glück

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Professional Summary

Motivated and versatile software developer with strong skills in Java programming, front-end web development, SQL database management, cybersecurity concepts, and intermediate networking and Linux administration. Experienced in team-based projects, clear technical communication, and collaborative development. Eager to grow expertise in advanced system automation, secure coding, and threat detection.

Technical Skills

Programming Languages & Frameworks

- **Java:** Core syntax, OOP, JUnit Testing, Collections (List, Set, Map, Stack), Lambda (Predicate, Consumer), Threads & Concurrency
- **Frontend:** HTML5, CSS3, JavaScript (vanilla, DOM manipulation, event handling)
- **PHP:** Basic scripting knowledge
- **Shell Scripting:** Basic Bash scripting

Tools, IDEs & Platforms

- **IDEs & Editors:** IntelliJ IDEA, Visual Studio Code
- **Version Control:** Git, GitHub
- **Operating Systems:** Ubuntu, Kali Linux, FreeBSD, Windows Server (and macOS familiarity)
- **Virtualization & Networking Tools:** VirtualBox, VMware, Wireshark, Packet Tracer
- **Other Tools:** SQL tools (MySQL Workbench, etc.), web servers, CLI utilities

Databases & SQL

- ERD, data modeling, relational models, database normalization (1NF–3NF)
- SQL: CREATE scripts, UPDATE, DELETE, JOIN, UNION, GROUP BY, subselects, aggregate functions
- MySQL integration with Java (JDBC) and Python (basic)

Cybersecurity Knowledge (Foundational – Intermediate)

- **Core Concepts:** Software vulnerabilities, malware types, attack procedures, network scanning, traffic analysis
- **Cryptography:** Understanding of algorithm types, usage, and vulnerabilities
- **Penetration Testing:** Phases of attacks, white hat hacking, tools and frameworks
- **Preventive Measures:** System/network hardening, SIEM practices, security management
- **Incident Response:** Forensic analysis of logs, disk and memory images, response planning
- **Threat Intelligence:** Types of intelligence, attacker attribution, analysis models
- **Secure Software Development:** Identifying vulnerabilities (e.g., buffer overflows), secure coding, knowledge of current incidents

Networking

- IP addressing (IPv4/IPv6), subnetting, DNS, DHCP
- Network devices (routers, switches, firewalls), NAT, VLANs, basic routing (OSPF)
- Protocols: TCP/UDP, HTTP/HTTPS, common ports
- Tools: ping, traceroute, Wireshark
- VPN configuration, firewall setup, and basic network security

Linux

- Package management (apt, yum), file system navigation, file and permission handling
- User/group management, process control, networking tools (`ifconfig` , `netstat`)
- Shell scripting, configuring web servers, system monitoring
- Familiar with `systemctl` , reading logs, and basic server administration

Projects & Experience

Java Development

- Built multiple applications using Java's Collections, concurrency, and JUnit testing
- Connected Java apps to MySQL databases with JDBC, performing full CRUD operations and queries

Frontend Web Development

- Developed responsive web interfaces using semantic HTML, modern CSS, and JavaScript
- Created interactive features and dynamic UI elements without frameworks

Networking Projects

- Configured routers, switches, and secured small-scale networks
- Used Wireshark and CLI tools for analyzing and troubleshooting traffic

Linux Administration

- Deployed and maintained Linux servers for local projects
 - Automated basic tasks via shell scripts, managed services, users, and packages
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Education

TGM (Technologisches Gewerbemuseum), Vienna, Austria

Austrian Matura, Expected 2027

IT-focused Austrian high school diploma (Matura) with training in programming, networking, and computer systems.

Languages

- German (Native)
 - English (Fluent)
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Interests

- Open-source contribution
- Cybersecurity research and ethical hacking

- Automation and scripting for system efficiency