

Tovi Jaeschke-Rogers

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Objective

I'm a determined and enthusiastic individual with a strong desire to learn and expand my skill set. My experience as a lead software developer has equipped me with valuable transferable skills, including strong organization, time management, attention to detail, and problem-solving abilities. I'm known for my honesty, punctuality, and reliability, and I'm eager to demonstrate these qualities in my next role. Additionally, I have a track record of working in and leading agile (scrum) development teams, and I excel in communication, whether with colleagues or external clients.

Skills

I possess an expertise in the Linux operating system, demonstrating proficiency in command-line operations and system administration. My fervour for cybersecurity extends to a comprehensive understanding of system vulnerabilities, enabling me to identify potential weaknesses and implement effective mitigation strategies.

Languages

PHP — 6 years professional experience
JavaScript — 6 years professional experience
HTML and CSS — 6 years professional experience, 10 years personal experience
GO — 8 years personal experience
Python 3 — 5 years professional experience
Java (Android App Development) — 1 years professional experience
Lua — 2 years personal experience
Rust — 1 years personal experience

Technologies and Frameworks

Linux Administration & Bash — 6 years professional experience, 10 years personal experience
Laravel / Symfony — 6 years professional experience
Docker — 2 years professional experience
Vue — 2 years professional experience
TypeScript — 6 years professional experience
SQL (MySQL & PostgreSQL) — 6 years professional experience
GraphQL — 1 year professional experience
Redis — 1 year professional experience
AWS — 2 years professional experience
Flutter Mobile Development — 1 years personal experience

Notable projects I have built

Password Manager — A private project I've been developing which is near completion, uses encryption key-chains of asymmetric RSA, and symmetric AES keys to allow granting access through the organisation, groups, or directly to the user.

Construction planing and budgeting software — This utilises PaperJS to draw shapes and calculate areas over construction blueprints, and determine how these will affect the budget of the planned project.

Linux Kernel Root Kit — As an exercise for interacting with the Linux kernel, and using the C language, I created a ring 0 root kit, that had the ability to hide processes, ports, and files / directories before they reached userspace. This was solely for learning purposes.

Truck and inventory tracking — To facilitate efficiently loading trucks with cargo, this project allowed the client and loading bay to know where each truck was on their route, and how far they were from their destination. This gave the loading bay ample time to organise the next section of cargo, and not be caught off guard.

Previous Experience

Codium — Lead Software Developer (early 2022 - Present)

- Full stack development using Laravel and Vue (v2 and v3)
- Management and maintenance of docker environments, and composer and npm packages
- Code review for colleagues, and assistance and training of new developers
- Security testing applications with tools such as BurpSuite, sqlmap, and zap proxy, along with manual testing of endpoints, and SSRF and XSS attack surfaces

FOUR — Lead Software Developer (late 2019 - early 2022)

- Full stack development of, and using the Symfony framework and bespoke frontend frameworks
- Management and maintenance of composer plugins, base Symfony framework, and other components
- Code review for colleagues, and training new developers
- Management of local development environment virtual machine configuration tools using vagrant and ansible
- Code deployment on, and administration of Linux servers
- Client meetings, writing scopes of work for clients, and email and phone communication with clients

Internaut — Systems Administration (early 2019 - late 2019)

- Linux systems administration, including configuring off-site backups, full disk LVM/LUKS encryption, RAID
- Hardware maintenance for office computers
- General IT consultant

Insul-vest Australia — IT support and general hand (2012 - 2014)

- General IT consulting for office staff

Australian Blow Molders — IT support and general hand (2012 - 2015)

- General IT consulting for office staff

Express Plastics — IT support and general hand (2013 - 2015)

- General IT consulting for office staff

Education

Blackwood High School — 2012 - 2013

Australian Science and Mathematics School — 2014 - 2016