

Manuel Maxera

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Versatile IT professional with a progressive career spanning helpdesk support, Unix system administration, and cloud engineering, now pivoting towards software engineering. Leveraging a strong foundation in technical problem-solving, infrastructure management, and automation to bring a unique perspective to software development. Experienced in optimizing systems, implementing monitoring solutions, and driving operational efficiencies, with skills that translate directly to creating robust, scalable software solutions. Passionate about emerging technologies and continuously expanding coding skills, eager to contribute a diverse IT background to innovative software development projects.

PROFESSIONAL EXPERIENCE

Avature

Software Engineer

Buenos Aires, Argentina

July 2024–Current

- Develop and maintain a suite of applications across multiple technologies: PHP (core app), Java (scraping and API interaction), and TypeScript (browser extension).
- Designed and maintained a browser extension using TypeScript with a React frontend and Node.js backend.
- Developed Java-based crawlers/robots to scrape job boards or communicate with their APIs, parsing responses to create user-specific datasets.
- Built and maintained the core PHP application, acting as the end product for end-users and integrating functionalities from the extension and crawlers.
- Conducted bug fixes, defect resolution, and implemented new features across all platforms to enhance functionality and user experience.
- Collaborated with cross-functional teams to ensure seamless integration between projects.

Avature

Cloud Engineer

Buenos Aires, Argentina

March 2022–July 2024

- Led critical cloud infrastructure operations, including server provisioning, decommissioning, and configuration management across multiple cloud platforms and Linux environments
- Managed on-call rotations, ensuring rapid response to and resolution of critical infrastructure issues
- Spearheaded proactive monitoring initiatives, collaborating with cross-functional teams to implement and optimize alerting systems, significantly improving infrastructure reliability and availability
- Designed and implemented a refined alarm severity system, drastically reducing false positives and enabling more efficient crisis management
- Initiated and drove the adoption of a team-owned alarm routing system, enhancing accountability and response times by aligning alerts with infrastructure ownership
- Developed and executed automation strategies using scripting and workflow tools, streamlining operations and reducing manual interventions
- Acted as a technical enabler, working closely with various teams to enhance their monitoring capabilities and infrastructure reliability
- Continuously optimized on-call processes, minimizing team burden while maintaining high-quality support

IBM - Kyndryl

Sysadmin Unix

Buenos Aires, Argentina

November 2019–March 2022

- Administered and maintained a diverse server environment including Linux Red Hat, AIX, and Solaris systems, focusing on capacity planning, server installation, and troubleshooting
- Managed a 24/7 on-call rotation, promptly responding to and resolving critical infrastructure alerts and issues
- Developed and executed daily and scheduled maintenance tasks to optimize and improve existing infrastructure
- Successfully led server and data migration projects, ensuring minimal downtime and data integrity
- Performed server software installations and upgrades, maintaining system security and performance

- Provided technical assistance and guidance to on-site datacenter staff, enhancing overall operational efficiency
- Implemented an Ansible-based automation solution across multiple servers, significantly reducing manual ticket resolution time for specific issues

IBM
Helpdesk

Buenos Aires, Argentina
January–November 2019

- Provided comprehensive technical support to customers via multiple channels (phone, chat, email), troubleshooting and resolving application and computer issues across Linux, Windows, and Mac systems
- Utilized remote access tools to efficiently diagnose and fix software problems, demonstrating adaptability across diverse operating systems
- Improved support efficiency by reducing average call resolution time and decreasing call abandonment rates
- Increased overall customer service capacity, resulting in a higher number of users served

EDUCATION

UNIVERSIDAD de BUENOS AIRES
Computer Science
Incomplete

Buenos Aires, Argentina
March 2017

SKILLS

Lenguajes/Herramientas/Frameworks/Conceptos:

- Java, Javascript, Python, SQL, PHP, Typescript
- SpringBoot, React, Tailwind
- Grafana, Docker, Linux, AWS, Git, Prometheus

PROJECTS

EXERCISM - JAVA TRACK MAINTAINER

- Maintain and enhance Java track for global programming learning platform
- Develop new exercises and smart analyzers for automated student feedback
- Update documentation, tests, and learning concepts
- Collaborate with international team to improve platform quality
- Contribute to widely-used open-source educational resource

VBNN LISTING APP

- Developed a full-stack property listing application using Java Spring Boot (backend) and React with Vite (frontend)
- Implemented microservices architecture with Docker containerization for scalability
- Designed RESTful API with endpoints for user management, listings, reservations, and ratings
- Integrated JWT authentication and role-based authorization
- Utilized PostgreSQL for data persistence and external services (Cloudinary, Gmail SMTP)
- Developed advanced search functionality and user engagement features (favorites, ratings)

LANGUAGES

Spanish: Native language
English: Intermediate (B1)
Italian: Elementary (A2)