Michael Pomata, Full Stack Web Developer

Asunción, Paraguay

LINKS

Github

PROFILE

Professional software developer with 4+ years of experience ranging from full-stack web development to BI and analytics. Experience leading teams and managing projects. Always seeking to learn something new.

EMPLOYMENT HISTORY

Jan 2020 — Present

Head of BI and Software Development, Tecnoedil S.A.   Asunción

- Created the entire BI and Development Department from scratch including role descriptions, work methodologies, documentation system, tools selection, etc.
- Designed micro-services architecture for the company's in-house web applications
- Improved the company's debt collection efficiency by developing a financial React/Node web application that automatically calculates and keeps track of the interests generated by each construction contract
- Contributed to the security of sensible documents by designing and supervising the development of a React/Node interface between the HR system and a third-party software for the digital signing of documents such as salary receipts
- Fully automated the vacation approval request procedure with the development of a React/Node application, improving the experience of more than 100 employees
- Saved costs by personally configuring and deploying all of the company's applications inside on-premises Linux servers, including the installation and configuration of Tyk, MongoDB, Nginx, and other tools
- Helped the company surpass the planned goals for two consecutive years thanks to the creation of a data warehouse that automatically feeds a battery of dashboards and reports for goal-monitoring
- Reduced data collection times from several days wasted working manually to mere minutes by developing multiple automation processes
- Had a pivotal role during the implementation of EPM tool Solver, which substantially improved budget creation and control of over 120 construction projects and administrative business units
- Manages and mentors a team of four developers

Sep 2017 — Dec 2019

BI analyst, Netsystem S.A.   Asunción

- Successfully helped our customers to reduce time and mistakes by automating their data collection processes using Python, SQL, and Power BI
- Prepared and delivered Power BI courses for many renowned companies, many of which later ended up hiring us for BI-related projects and consultancies because of theses courses
- Managed to attract new customers by giving workshops on our BI offerings at Microsoft's Paraguayan headquarters at Citicenter Building

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EDUCATION

Jan 2010 — Sep 2015

Licenciatura in Philosophy, Universidad Católica Nuestra Senora de la Asunción   Asunción

Graduated with a thesis on Bertrand Russell's scientific realism

Other

Multiple courses over the years on topics including the MERN stack, languages such as JavaScript, Python, Rust, and C, RDBMS technologies including Oracle, IoT devices, Big Data, etc.

SKILLS

React	Expert	MongoDB	Experienced
JavaScript	Experienced	Redux	Experienced
Node.js	Experienced	Linux	Experienced
Python	Experienced	Docker	Beginner
MSSQL	Expert	Rust	Beginner
Git	Experienced	C	Beginner

LANGUAGES	English	Highly proficient	Italian	Good working knowledge
	Spanish	Native speaker		

HOBBIES

I enjoy music and have a progressive metal band. I am also a moderate anime and manga fan. I love sharing knowledge, so I sometimes write columns and give talks on philosophical topics. I also mantain a small FOSS project called Librechromecast.

SOFT SKILLS

- Good management skills
- Goal-oriented mindset
- Team player
- Very good at communicating with both technical and non-technical customers and coworkers
- Excellent understanding of administrative, financial, and accounting business rules thanks to previous BI experience