

Bartas Urba

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SUMMARY

5+ years experience in backend development, architecting scalable software using Python, Go, and Javascript. Excited to collaborate in solving complex problems with a user-centric approach to feature development and optimization.

EXPERIENCE

Software Engineer

The Bookworm of Edwards

May 2017 - Present

- Designed and built software to connect legacy POS with book publisher catalog SaaS platform Edelweiss+ using Python.
- Became the subject matter expert on the Edelweiss+ catalog integration and was requested by the software development team to provide feedback on product roadmap.
- Wrote documentation for 120+ non-technical end users in 4 independent bookstores across the United States.
- Gathered user feedback and feature requests, building out 3 additional features that improved data upload speeds by 15%, and created additional options for data formatting output.
- Proactively reverse-engineered receipt processing module in the in-store POS and wrote binary patch that brought receipt output into compliance.

Software Engineer | Founder

Bartas Urba LLC

October 2010 - Present

- Founded company to solve friction in the production of book reviews, the most effective in-store marketing materials to drive sales for independent bookstores.
- Gathered feedback from 11 staff members and store owners to identify common pain points in store marketing operations.
- Designed, programmed, and maintained book review management software built with Golang, Angular, chromedp, and boltdb that integrates with IndieCommerce and Edelweiss+ via REST API.
- Dynamically generated 1040+ pre-formatted PDF "shelf talkers" that feature book reviews with barcodes, author, book tile, and reviewer information.
- Increased book review production by 152% YoY in the pilot store.
- Created sales deck outlining business case, user pain, and customer stories and pitched software to leadership of 5 independent bookstores, successfully implementing in 1 store.

Assistant Manager

The Bookworm of Edwards

May 2016 - May 2017

- Increased store sales by 3% YoY by sharing product knowledge and providing personalized book recommendations.
- Managed purchasing and receiving for \$1.2M worth of bookstore inventory.
- Began proactive hardware maintenance and installed new wifi failover to prevent rolling network outages, preventing loss of up to \$25,000/day during peak holiday sales.
- Developed employee training for company-wide disaster recovery plan for hardware and software.
- Created password policies and deployed Microsoft BitLocker to reduce risk of data theft and improve security practices.

System Administrator

Vail Mountain School

June 2009 - June 2010

- Maintained hardware, installed and configured software and updates for 300+ Dell Latitude laptops, desktops, and HP printers.
- Implemented Microsoft Active Directory users, group permissions, and updates.
- Migrated domain controller to new on-prem Dell PowerEdge server as part of a preventative maintenance plan to reduce risk of downtime for 5 services supporting 400+ users.
- Managed network hardware including 2 on-prem servers, 8 Cisco switches, and 1 Cisco router.
- Monitored and maintained backups of servers using Norton Ghost software.
- Wrote and executed PowerShell scripts to automate tasks such as user creation and password resets.
- Troubleshooted and resolved issues with hardware and software, escalating when necessary.

CERTIFICATIONS

Microsoft Certified Professional

SKILLS

Backend: APIs (REST), AWS, Bash, C, chromedp, Docker, Git, Golang, JSON, Linux, MongoDB, Node.js, Postgres, Python, Shopify API, SQL / MySQL / NoSQL, Stripe API, Wireguard

Frontend: Angular, HTML/CSS, JavaScript, Typescript, React