

Patrick Goulding

Software Engineer

★ Technologies: JavaScript, React, Node,
PowerShell, Python, Bash, Golang

Email: patrickgoulding@gmail.com

Phone: 512-988-4146

Summary

I am a career technologist with a broad skill set and an automation-first mindset. I'm passionate about solving complex problems and decreasing the time-to-market cost of software by automating the process of development and operations through code. I'm most recently working with the Store EcoSystems and Store Commerce Foundation teams at Nordstrom, where I connect enterprise API's and event driven architecture between Brick and Mortar store hardware, with AWS, and Azure cloud services.

Experience

Engineer II - Nordstrom (August 2020 - May 2022)

- Responsible for deploying software, updates, and configuration changes to 30k+ devices.
- Built automation scripts and tooling for several projects using Powershell, Golang and Python.
- Created dashboards and alerts for observability on system and application health using New Relic and React.
- Wrote key automation for processing store evening information from internal API's using Java and the Vert.X framework.
- Led Design Reviews for Store Technology DevOps pipelines automating telemetry gathering on mobile devices.

Full Stack Software Engineer - SchoolSafe Communications (August 2019 - July 2020)

- Re-wrote back end service from PHP and MySQL to Node / Express / PostgreSQL.
- Re-wrote front end service application from Flash to React and Redux.
- Implemented deployment automation with Python and Shell scripts.
- Created and deployed web servers using NGINX and Ubuntu.
- Using Material Design Principles, designed and wrote front end application using CSS/SCSS and MaterialUI.
- Created comprehensive documentation for installation, deployment, testing, and all endpoints.
- Led best practice architecture decisions for application and performance impact.

Technical Analyst II - Heart Hospital of Austin (May 2017 - January 2019)

- Led weekly division-wide calls, facilitating conversations with other Analysts, Engineers, and Leadership.
- Diagnosed and repaired mission critical hospital equipment.
- Configured Cisco network switches, access points, phones, and other equipment.

UAV Communications Technician - United States Air Force (March 2011 - March 2017)

- Repaired satellite and radio communications equipment for the MQ-1/MQ-9 Unmanned Aerial Vehicles.
- Maintained documentation for equipment location, durability, and accountability.

Network Administrator - Walker Products (September 2009 - May 2010)

- Diagnosed and repaired computers, servers, phones, printers.
- Setup various VPN's, WAN/LAN Networks and Administered a large corporate network.

Web Designer/Founder - Goulding Enterprises (August 2008 - March 2011)

- Created websites for small business clientele using HTML, CSS, PHP, and MySQL hosted on linux servers.
- Set up office computers with email, networking, and company security configurations.

Network Technician - Paragon Sight and Sound (September 2007 - August 2008)

- Diagnosed and repaired computers, servers, phones, printers.
- Setup various WAN, MAN, and LAN Networks and Administered large corporate networks.

Computer Repair Technician - ByteMarks (September 2004 - May 2006)

- Diagnosed and repaired desktops, laptops, phones, and printers for home/small business users.