BRIAN PURGERT

SOFTWARE DEVELOPER

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SKILLS

- Ruby
- JavaScript/TypeScript
- Nuxt/Vue/React
- Java
- Git/SVN

- Azure (DB, Active Director)
- Extract, Transform, Load (ETL)
- Database Design
- CryEngine
- Maya 3D

- IP Phones/Asterisk
- Cisco Switch Management
- FortiGate Firewall
- WatchGuard Firewall
- Sysadmin everything

PROJECTS

Chrome Extension - GitHub.com/BrianPurgert/Twixer   *2019 – 2020*
- Created a Chrome extension using React that improves the viewing experience on twitch.tv

Ruby Discord   *2018 – 2023*
- Creator of the official Ruby Discord server, with over 6,000 members.

Space Bike   *2010 – 2011*
- Developed/Published Space Bike on the Google Play Store with over 250,000 installs. Gameplay videos.

WORK EXPERIENCE

Capitol 50 Consultants Inc, Software Developer & Systems Engineer   *2011 – 2022*
- Created a price comparison app that compared product list on GSA Advantage
- Created a customer-facing site with Nuxt.js, Vuetify.js and Firebase.
- Created a REST API to do data fetching and automations using Ruby, using Gems like Nokogiri, Mechanize, Roda, Sequel.
- Set up and managed on-premises systems and cloud infrastructure. Including migrating and on premises Active directory to Azure.
- FortiGate Firewall Setup with PBX IP phones.
- Set up Windows Local Domain Network with Active Directory, Redirected Folders, Exchange 2010, Radius Authentication for Wireless, Integrated WatchGuard XTM VPN for external access.
- Set up an internal asterisk server for Internal and External IP Phones.

Nationwide Insurance, Application Developer Intern - Columbus, OH   *Summer 2014*
- I collaborated with teammates to upgrade a web application from static layout to responsive layouts.
- Created test automation scripts in Ruby.

RESEARCH & LEADERSHIP

Senior Design Smart Diaper   *Fall 2014*
- Designed a Smart Diaper that notifies parents when a child's diaper needs changing. IEEE Presentation
- Developed an Android application using the Android SDK(Java) to connect to the Smart Diaper via Bluetooth LE.

Treasurer, Institute of Electrical and Electronics Engineers   *2013 – 2014*
- Allocated funds for multiple student projects.

Project High Flight, COMM & GPS Project Leader - Miami University   *2012*
- Managed electronics team which oversaw tracking & retrieving the payload.

EDUCATION

Miami University, Engineering, and Applied Science   *2011 – 2016*
- Computer Science and Computer Engineering