

# BRIAN PURGERT

## SOFTWARE DEVELOPER

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[GitHub.com/BrianPurgert/](https://github.com/BrianPurgert/)

## SKILLS

- Ruby
- JavaScript/TypeScript
- React/Vue
- Python
- Java
- Git/SVN
- Azure (DB, Active Director)
- Extract, Transform, Load (ETL)
- Database Design
- API Development
- Android SDK Game Development
- CryEngine
- Maya 3D
- Office 365 Administration
- IP Phones/Asterisk
- Cisco Switch Management
- FortiGate Firewall
- WatchGuard Firewall
- Adobe Suite

## PROJECTS

- Chrome Extension** - [GitHub.com/BrianPurgert/Twixer](https://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](https://discord.com/invite/ruby) server, with over 6,000 members.
- Space Bike** 2010 – 2011
- Developed/Published [Space Bike](https://play.google.com/store/apps/details?id=com.spacebike) on the Google Play Store with over 250,000 installs. [Gameplay videos](https://www.youtube.com/watch?v=...).
- Capitol 50 Consultants Inc, Software Developer - Cleveland, OH** 2017 – 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.
- Capitol 50 Consultants Inc, Senior Systems Engineer - Cleveland, OH** 2011 – 2017
- Set up and managed on-premise 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](https://ieeexplore.ieee.org/abstract/document/7000000)
  - 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