Andrew Barstow

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WORK EXPERIENCE

Giftnix   **Austin, TX Feb 2019 - Present**

- Served as a full stack web software developer on web technologies for a remote ecommerce company of ~20 employees.
- As the only full-time React developer, I am responsible for leading the conversion of a number of legacy web applications.
- Collaborated extensively with external developers, company leadership, visual designers, customer support, and internal operations.
- Resolve urgent issues related to order processing, third-party service outages, bugs.
- Wore multiple hats, including customer service, internal technical support, project management, and even assistant to the CEO.
- Implemented puppeteer based just-in-time PDF generation, substantially reducing exponentially rising AWS S3 costs.

Giftnix Ecommerce Admin Portal

- Served as technical project lead, deprecating 2 separate monolithic AngularJS sites with one React site
- Improved page performance, user experience, convenience, and productivity
- Generate reports for sales, inventory, purchasing forecasts, etc.
- Customer service is able to edit customer accounts, access customer support portal which customer support agents use to review order information, resolve issues with accounts, identify suspicious behavior & request additional verification, etc.
- Proprietary CMS to manage item listings, pricing, landing page, and similar content for 7 distinct brands
- Practiced CICD via bitbucket pipelines. Authored API test automation

psncarddelivery.com Migration

- Migrated front end from AngularJS to React, leveraging existing AngularJS REST APIs
- Pioneered JWT authentication & server side rendering with next.js
- Improved Google PageSpeed score by ~15-20 points
- Project completion and go-live planned for November 2020

Music Lessons Teacher, In Home Music Teachers   **Dallas, TX Jan 2016 – Feb 2019**
- Conducted roughly 25 in-home lessons per week with students of all ages.
- High client satisfaction – retained several students for three years, until I left teaching.
- Communicated with adult students and parents of young students. Balanced the different learning needs of adults and children.
- Managed all aspects of self-employment: negotiated prices, scheduling, promotion & advertising, payment disputes, taxes, legal, etc.

WEB DEVELOPMENT PROJECTS

Immersive Portfolio - www.andbars.com *2019*

- An in-depth portfolio with a focus on animations.
- Wireframing, project design.
- Developed using Python, Django, JavaScript, HTML, CSS, jQuery, and Popmotion.
- Personal project with months of version control.

Repositories from my bootcamp – 2018

- https://github.com/barstow12   - all course projects worked on during my boot camp can be found here.

- https://github.com/ConnorBryan/smashcombos   - I was one of many free contributors to the react project. This is a website for documenting the best character combos for my favorite video game, Super Smash Brothers. Not longer being hosted

SKILLS

JavaScript ES6, Python 3.x, Ruby, Java, HTML5, CSS3, Angular, Express.js, Socket.io, Django, Flask, Rails, React, Redis, MySQL, SQLite, PostgreSQL, MongoDB, Git, jQuery, node.js, NPM, Chai, RSpec, Bootstrap 4, AWS, S3, Popmotion, , Lesson Planning, Client Management, Advertising, Pricing Analysis, Small Business Management, Mandrill, Mailchimp, Zendesk, Asana, Bitbucket, Kubernetes, Docker, Puppeteer
TODO: add more technologies and services you used

EDUCATION

Coding Dojo - Boot Camp   **Dallas, TX Aug 2018 – Dec 2018**
In-person, Full-time Full Stack Web Development
University of North Texas   **Denton, TX 2012 – 2017**
BA Music, Classical Guitar Concentration