**Grant Bellar**

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## WORK EXPERIENCE

**PerfusionBoardPrep.com Wichita, KS**

*Software Developer Sep 2023 - Current*

* Developed an exam-taking web app using the Python Django REST framework; achieved a 100ms page load time for all pages
* Implemented persistent data storage using PostgreSQL and Django models specifically optimizing for query performance and preservation of user state regardless of connection strength
* Deployed via Render cloud hosting for zero downtime automatic deployments
* Integrated Stripe API for secure payment processing and order fulfillment; SendGrid API for email notifications
* Leveraged Javascript Fetch API/AJAX principles to retrieve user state from database and update exam progress without a page reload ensuring a smooth user experience

**Bethel College North Newton, KS**

*Web Developer Feb 2019 - Jan 2025*

* Deploy code changes using a 3-stage (testing, staging, production) GitLab CI/CD pipeline
* Successfully address an average of 6 faculty, staff, and student requests daily while advancing ongoing web development projects
* Introduced Bootstrap CSS framework to enhance the responsiveness of flagship website; achieved a 30% reduction in bounce rate
* Wrote a Python script to resize photos stored on Linux server resulting in a 50% faster load time for our employee directory
* Managed a complete website rebuild increasing mobile conversions by 25% while reducing First Content Paint (FCP) by 50%

**Globe Life Wichita, KS**

*Supervising Agent Aug 2019 - Nov 2019*

* Led and developed a team of three agents
* Achieved a Top 5 national ranking in weekly sales
* Improved prospecting efficiency by 30% resulting in 40 additional leads per week
* Contributed to $30,000 in weekly team sales

## SOFTWARE PROJECTS - code available on [GitHub](https://github.com/grbellar)

**Low-price flight alert web app**

* Built a responsive web app using the Python Flask framework allowing users to set price points and be alerted when their chosen flight hits a low price
* Implemented Kiwi.com flight API to pull relevant flight data and compare prices up to 365 days in advance
* Integrated with Twilio API to send low-price alert email
* Utilized PostgreSQL database to store scalable user data

**Custom blog CMS**

* Engineered a RESTful back-end server to handle requests for content creation, comments, and user account management
* Incorporated persistent data storage for blog content. Designed SQL One-to-many database relationships to bind users to user content
* Securely hashed user passwords using Bcrypt function

**Spanish conjugation desktop app**

* Inspired by my mom’s need to quickly look up the correct conjugation while learning Spanish
* Designed a desktop application to get user input and fetch the relevant Spanish conjugation for display
* Implemented a TKinter graphical user interface to aid in the selection of past, future, and present-tense
* Leveraged the Pandas large data library to parse a CSV of over 6,000 Spanish words and their tenses

## EDUCATION

**Bethel College** *2015 - 2019*

*North Newton, KS*

* Bachelor of Science (B.S.), Business Administration
* Minor, Computer Science - *Including coursework in Data Structures, Software Development, Graphical User Interface*s

## SKILLS

* Languages: Python, Javascript, HTML, CSS, Java, SQL, SCSS
* Frameworks: Flask, Django, Bootstrap
* Other: Docker, REST APIs, Git, GitHub, AJAX, Fetch API, Data Structures, Relational Databases, HTML templating

## COURSES AND TRAINING

**Udemy** *Feb 2023*

*The Complete Python Pro Bootcamp*

**Codecademy** *Sep 2020*

*Full-Stack Web Development Course*

## VOLUNTEER WORK

**Stewardship Commission, Hope Mennonite Church**

*Chair*

* Led a team of 4 in the use of our facilities, money, and technology
* Overhauled our technology ecosystem resulting in $2,000 saved annually