

Joel Burns Entry Level Engineer

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Objective Problem solver and interested in formulating solutions to meet business needs. Backend engineering focus with Python and Java. Motivated learner with a previous degree in healthcare.

Education

Bachelor of Science Software Engineering

Jan 2024

Western Governors University | Salt Lake City, UT

Topics covered: Object oriented programming. SDLC Techniques, Database Fundamentals, Java Focus.

Capstone: Full stack e-commerce website. Solo project using angular and spring boot deployed on AWS Ec2. Maintaining and debugging. Writing code and deployment.

Tasks include REST services with Spring boot, DevOps configuration NGINX front end, Tomcat backend, DNS, SSL and domain registration. Troubleshooting deployment to production server.

Technologies used: Systems: Mac, Linux, relational Databases: MySQL, Postgres, Languages: Java, Software: IntelliJ, VS code, Git, MS Office Suite, Frameworks: Spring.

Other technologies encountered: Postgres, Docker, Java, Maven, Gradle, Amazon Linux, Nginx, AWS, ELB, RDS, JUnit, Git, Json, MS Office.

Projects

Personal website: www.django-blog-jb.com

Created using Django, Python, Bootstrap, Postgres, Gunicorn, NGINX. Deployed on AWS, Docker, Restful API, HTTPS, SSL, S3 backup, Git.

E-commerce Store: Django, My SQLite and AWS Deployment, Pillow, pip, HTML5, JavaScript

Tasks: creating a Django production website with user, cart, checkout, product listing functionality.

DevOps: Docker and AWS Unit Testing

Technologies Used: Python, Django Bootstrap, Bootswatch, HTML, VScode, Ajax, pipenv, pip,

GitHub <https://github.com/jburns6789>

Work Experience

University Health Cleveland Clinic PRN Physical Therapist Assistant

11/2024 - Current

Responsibility includes following and giving feedback regarding the plan of care. Supervisory Guidance. Staff education to improve safety, interdisciplinary communication (doctors, nursing, social work, and families).