

David Bowers

Full Stack Software Developer

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Summary:

A Full Stack developer who recently completed a Full-stack Software Development Diploma with distinction, seeking entry into the development industry. With over three years of experience in Operations IT, I have gained a passion for code, knowledge of infrastructure across multiple countries, and a range of skills gained through customer-facing environments. I am empathetic, attentive, and patient, and enjoy working closely with internal and external stakeholders. Continuously seeking self-improvement, I am eager to contribute as a developer in an Agile environment.

Technical Skills:

- Frontend: HTML5, CSS3, JavaScript, Bootstrap, Materialize, Angular
- Backend: Python, C#, Django, Flask, Django Rest Framework
- Testing: Jest, Unit test, Postman
- Deployment: GitHub, Heroku, AWS S3 Bucket
- Version_control: GIT
- Monitoring: Apica, Appdynamics, Kibana, Grafana, CheckMk
- Ticketing: JIRA, ServiceNow, Confluence

Education:

- Full Stack Software Development Diploma (EQF level5) from Code Institute (07/2021 – 28/11/2022) Specialization in eCommerce web development. I was a channel lead and hackathon facilitator to help people via slack with their studies projects and hackathon experience.

Portfolio Projects:

- **Full stack E-commerce site** - a Vape shop utilizing Django, Stripe, AWS S3, Mailchimp, SEO, Gmail SMTP client, Unit tests, Polymorphic database models, Bootstrap, JQuery, Jinja, HTML, CSS, JavaScript, Python, SQLite, and PostgreSQL. The site contains multiple defensive measures to enhance the user experience and a fully functioning stock system. Agile methodology was followed with Jira in the creation of this project. It was developed locally on VScode and then deployed through Heroku CLI with ElephantSQL for the PostgreSQL database.
 - Deployed site: <https://pp5-vaportown.herokuapp.com/>
 - GitHub Repository: <https://github.com/dnlbowers/Vape-Store>
- **Django full stack web application** - Job seekers web site utilizing full CRUD functionality using Django, Bootstrap, jQuery, Jinja, Cloudinary, HTML, CSS, JavaScript, Python, and PostgreSQL. The site enables users to track the stages of their job hunt and keep their critical learnings along the way. Agile methodology was followed with Jira in the creation of this project. It was developed locally on VScode and then deployed through Heroku CLI.
 - Deployed site: <https://jobs-a-gooden.herokuapp.com/>
 - GitHub Repository: <https://github.com/dnlbowers/jobs-a-gooden>
- **Python Console App** - Rendition of the classic board game Battleship, made using HTML, CSS, JavaScript, Python, OOP, GitHub, Git, and VSCode, deployed through Heroku.
 - Deployed site: <https://dnlbowers-battleship.herokuapp.com>
 - GitHub Repository: <https://github.com/dnlbowers/battleships>

- **JavaScript Web App** - Social blackjack game using HTML, CSS, vanilla JavaScript, GitHub, Git, and VSCode, deployed via GitHub pages.
 - Deployed site: <https://dnlbowers.github.io/blackjack>
 - GitHub repository: <https://github.com/dnlbowers/blackjack>
- **Static Website** - Page promoting modern Buddhism in the west, made using HTML, CSS, VSCode, GitHub, and Git, deployed via GitHub pages.
 - Deployed site: <http://dnlbowers.github.io/modern-buddhism>
 - GitHub repository: <https://github.com/dnlbowers/modern-buddhism>

Hackathon collaborations:

- **Javascript Web App** - A retro-style arcade game using HTML, CSS, vanilla JavaScript, GitHub, Git, and VSCode, deployed via GitHub pages.
 - Deployed site: <https://retro-logic.github.io/office-invaders/>
 - GitHub repository: <https://github.com/Retro-Logic/office-invaders>

Work Experience:

- **Core Operations Engineer at Greentube Malta SEE Ltd. (06/2022 – Present)**
 - Key employee monitoring and improve production environment.
 - Monitoring Deep wallet service, Reporting and resolving incidents.
 - Creating scripts to automate manual processes.
 - Game server deployment, maintenance, and management.
 - Liaising with multi-disciplinary teams to collaborate, teach and learn in order to improve our overall services.
- **Channel Lead at Code Institute (02/01/22 – 01/04/22)**
 - Aided Students development throughout their studies.
 - Provided advice and guidance on best practices and feature implementation.
 - Hosted master classes for HTML/CSS, and project planning.
- **NOC Engineer at Greentube Malta SEE Ltd. (08/2018 – 06/2022)**
 - Using monitoring tools - Kibana, AppDynamics, Apica monitoring system, check MK, KPIs.
 - B2B partner communication.
 - Incident/Change Management.
 - Creating Knowledge base articles.
 - Cross department communications.
 - Technical troubleshooting.