Jonah Farrow | Curriculum Vitae JLP

linkedin.com/in/jonahfarrow/

Personal Statement

Having thrived through my IBM placement & Extreme Blue internship, I am on track for a 1:1 finish at the University of Kent. I want to diversify my experience and use my growth mindset to demonstrate proactive and collaborative competence. I am a clear communicator with a record of delivering business results to directors, distinguished engineers, and external clients, by contributing to secure execution initiatives.

Skills & Abilities

Strong Agile Principles – 15 months in a deeply matured agile squad. I improved the workflow of the team and our refinement meetings by limiting the number of attendees to key enabling continued WIP and less downtime within the team. Regularly improved and strengthened Agile knowledge by earning badges and certificates using the in-house learning platform.

Innovation to overcome technical challenges – I strive for constant improvement and empowering others. During team retrospectives, I would present new technologies and their benefits to improve our team's current processes and enhance the consumer experience. I Inspire members of my team to push the boundaries and to challenge those boundaries when they believe that they have a better way of doing things.

Breaking complexity down – Translated technical knowledge early into consumable value for SREs to recreate the system we developed into a production environment. Work with the wider development team to deliver documentation, code, integrated test plans, and SRE runbooks alike, ensuring compliance with all security and service framework requirements.

Highly Engaging and Collaborative – Engages with key internal and external stakeholders to understand problems and issues, solve them and provide playbacks/demos to highlight the progress of resolved issues. I divide, conquer and maintain a high level of transparency in my work, benefiting anyone I work alongside. I am constantly reflecting and improving my progress and removing blockers along the way.

New Technical Skills: Kubernetes, Bash, Rust, Linux, Terraform, IBM Cloud, Ansible
Experienced Technical Skills: Java, SQL, PHP, Go, C#, Erlang, Haskell, Git, Test Driven Development

Experience

Extreme Blue Intern - IBM   Jun 2022- Sep 2022

Collaborating with one of the UK's largest retailers to offer digital product ownership across their entire suite of products, allowing customers to interact with the retailer's sustainable schemes for the products they have purchased. As a team, we presented our progress weekly, internally, and to the client via playbacks. Then, delivered our product to two of our clients' directors and a suite of executives.

Software Developer – IBM   Jun 2021 – Jun 2022

I contributed to an open-source mission called confidential-containers. The goal was to prevent cloud resource providers from accessing customer data using a trusted execution environment. My responsibility was to divide an Ansible-playbook into two sections, one that initialised a cluster and one that updated it. This isolation reduced the installation time for a cluster by over 50% improving our solutions agility. My public contributions to this can be found on github.com/confidential-containers/cloud-api-adaptor.

Discovered, investigated, and integrated a technical solution for updating cloud resources, improving maintainability, and reducing technical weight on users. Delivered a new update process into an easily consumed one-button solution and demonstrated my work to the department director and senior engineers. This decreased downtime of those resources during an update from a day to a few hours.

Helped to train contractors brought onto a client-impacting issue by creating a series of high-quality runbooks. This library of documentation enabled the contracting group of engineers to aid the internal team at a point where project velocity needed to increase drastically to reach project deadlines.

IT Technician – The Skills Network   Jun 2019 – Sep 2019

Demonstrated coordination and accuracy in transforming the workspace within a team. Prioritised and managed work through an IT ticketing system. Minimised future upgrade costs by conducting cost-benefit analysis into new hardware, resolved software problems, and upgraded computers for end-users to mitigate the impact on their workflow. This role exposed me to server-side work and how to secure estates through patching.

Education

University of Kent – BSc Computer Science, Canterbury   2019 – Present

1st: 92% 2nd: 78%
Cloud, Algorithms, OOP, and Databases all 80%+
Created a minesweeper game, word analyser, haunted house game using test driven development, and Jack language interpreter all using Java.

Selby College – Extended Diploma in IT (Level 3)   2017 - 2019

100% - Triple Distinction Star
Modules I thrived in: OOP, Databases, Computer Hardware & Networking

Interests and Hobbies

Archery - I have participated in this sport for 5 years, competed, and been successful in multiple tournaments.
Climbing - This problem-solving sport I picked up over Covid and is something I have come to love, my final-year software project is even centred around the sport.
Dungeons and Dragons - I have very much enjoyed running this story-based roleplaying game for my friends over the last 5 years; writing and acting and getting stuck into a world of my imagination.