## KEY SKILLS

* **Analysis & Problem Solving:** applies natural aptitude and tenacity to analyse complex issues and develop innovative solutions
* **Communication:** listens actively to customer needs and communicates relevant information with a clear and engaging style; delivers written reports in a professional and concise manner
* **Relationship Management:** builds highly effective relationships across multiple stakeholder groups, through proactive communication and consistent service delivery
* **Project Delivery:** plans effectively, identifying risks and interdependencies and engaging with relevant stakeholders to ensure project outcomes are delivered on time and within budget
* **IT Expertise:** applies expert knowledge of content management systems, web development principles, customer experience, image editing, data visualization, content distribution, networking and a wealth of server and network systems
* **Programming:** demonstrates capability across a breadth of programming and scripting languages, including HTML, JavaScript, React, Typescript, CSS, PHP, Python, Bash, Java, SQL, JQuery
* **Experience:** Twenty years of web development, four years of React and twelve years with Content Management systems

## EMPLOYMENT HISTORY

### Senior Web Developer l Plotlogic l June 2022 – May 2025

Senior Developer for multiple internal and customer React websites.

***Responsibilities and Achievements:***

* Design and develop multiple React websites for internal and customer use
* React, Typescript, Vite, Three.js (+ fiber, drei), Potree, Spatial Data, D3, plot.ly
* Customer portal to display and view 3D mine scans (LiDAR)
  + Displaying both 3D Mesh and Point Clouds
* User access and permission control via AWS Cognito
* Web based interface to control proprietary hardware device.
* Including Camera feed, pan + tilt controls and LiDAR / proprietary data feeds
* REST API development
  + Python and FastAPI, with Postgres database
  + Integration of AWS technologies (S3, Cognito)
* AWS Server management ECS, ECR and EC2
* CI/CD with GitHub Actions

### Senior Web Services Specialist l Australian Digital Health Agency l June 2018 - June 2022

Providing security focused web-based technical services to the Australian Digital Health Agency.

***Responsibilities****:*

* Manage and develop Drupal websites on the GovCMS platform (Drupal 7/8/9)
* Code management with Git, CI with GitLab, Containerization with Docker
* Admin and support of Atlassian product suite (Jira, Crowd, Confluence, Bamboo, BitBucket)
* Back-end support of Linux servers and services
* IT liaison with internal Cyber Security section

***Achievements****:*

* Secure operation of websites during My Health Record Opt-Out period
* Migration of websites from GovCMS 1 (Acquia) to GovCMS 2 (Amazee)
* Successful migration of Agency corporate website from GravCMS to Drupal 9
* Development of The Agency’s COVID-19 help site
* Crowd and Dynamic CRM integrations using oAuth and RESTful API services
* Technical architect for internal phishing campaigns

### Senior Officer Digital Communications l Brisbane City Council l February 2016 - June 2018

Open Data project role for Brisbane City Council.

***Responsibilities****:*

* Support, maintenance and development of the BCC Data Portal (Drupal and CKAN)
* Vendor support and management
* Data review and cleansing / Dataset creation and upload (to CKAN and AWS S3)
* Spatial map editing and data manipulation (QGIS, ArcGIS)
* Process automation and scripting (python, shell/bash script, cmpdline php, vbs, batch/DOS)
* Data Visualizations (Tableau, Mapbox, Carto).

***Achievements****:*

* Design and implement cloud-based file storage for end user access
* Redesign data and file publishing processes for Brisbane City Council City Plan 2014
* First BCC employee to learn develop and publish Tableau visualisations

### Technical Consultant l HCL Technologies l September 2013 - December 2015

Following HCL Technologies winning the Brisbane City Council support and maintenance contract, this role was created to provide support continuity to Brisbane City Council’s web services.

***Responsibilities****:*

* Providing technical services to for Oracle Content (UCM), Akamai and general web technologies
* Assisted in the content extraction from UCM to Drupal (Custom export to XML)
* Configuration and support for both Akamai Content Distribution Network and Google Analytics
* On Call and after hours support for UCM websites
* Training and assistance for offshore Oracle team

***Achievements****:*

* Lead on-site developer for Akamai Web Application Firewall (WAF) for G20 website Security
* Development of custom export for content migration from UCM to Drupal
* Successful planning and Akamai configuration for Drupal site go live on April 1st
* Re-engineering of Disaster Recovery processes for the corporate website to support both UCM and Drupal

## EDUCATION

2004 Bachelor (Hons) of Information Technology (Software Engineering), University of South Australia

## REFERENCES

Available on request