

Blake McCullough

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EXPERIENCE

Red Ochre

April 2023 -
Present

Junior Developer

- Presently employed at Red Ochre, where I contribute extensively to the maintenance and optimization of the EPLoD system, a crucial software platform utilized in drilling operations.
- Utilized an array of technologies to ensure the efficient functioning of EPLoD, employing C# programming language and Microsoft SQL for robust application development and reliable database management.
- Leveraged the power of TypeScript and React to craft a refined user interface and elevate the overall user experience in the EPLoD system. This resulted in a streamlined, user-friendly front-end that delivers improved responsiveness and navigation.

HyperFire Perth

December 2021 -
January 2022

Work Experience

- Built package management system to store required packages for PacMan
- Built web scraper for getting directories and file names of an ftp server.
- Built system for automatically downloading necessary files and placing in correct directories.

Cyber Saturdays

April 2021 -
August 2021

Mentor/Mentee

- Volunteer helping teach school children how to address cyber security challenges.
- Regular attendance at professional cyber security development activities.

ES2 Cyber Security

April 2021 –
November 2021

Cyber Security Consultant – Work Experience

- Perform Log review.
- Write Risk Assessment.
- Open-source intelligence gathering,
- Coding automation of activities.
- Perform Physical Pen Testing
- Peer reviewing of documents.
- Programming.

Microsoft

October 2021 –

October 2021

Work Experience

- Demonstrate the use or operation of office 365.
- Describe merchandise and explain use, operation, and care of office 365 to customers.
- Entering, transcribing, recording, storing, or maintaining information in electronic form.

MAJOR SIDE PROJECTS

- [VR Master League App](#)
 - Utilized a closed API with OAuth 2.0 authentication to securely access and retrieve data for the app.
 - Implemented the app using the Flutter framework, ensuring a cross-platform and visually appealing user experience.

SKILLS & QUALIFICATIONS

- **Programming Languages:** HTML, Python, Latex, C#/.Net Core/.net Framework, Bash/Flutter/Dart, JavaScript, Typescript, MySQL.
- **Operating Systems and Software:** Linux, Windows, Jira, Office 365 software, Git control, AWS and Google Cloud.
- **Soft Skills:** Initiative, self-motivated, Leadership, teamwork, communication, management.
- **Cert IV in Programming**

PROFESSIONAL REFERENCES

- **Dr Michelle Ellis**
Outreach and Engagement Coordinator
School of Science
Edith Cowan University
Phone: 0402 201 808
Email: Michelle.Ellis@ecu.edu.au
- **Andy Bartle**
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