

# Blake McCullough

Perth, WA

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GitHub: <https://github.com/Blake-McCullough>

## EXPERIENCE

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### *Red Ochre*

April 2023 -  
Present

#### **Junior Developer**

- Presently employed at Red Ochre, where I contribute extensively to the maintenance and optimization of the EPLD system, a crucial software platform utilized in drilling operations.
- Utilized an array of technologies to ensure the efficient functioning of EPLD, 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 EPLD system. This resulted in a streamlined, user-friendly front-end that delivers improved responsiveness and navigation.

### *Hyperfine 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**

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- [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**

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- **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**

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- **Dr Michelle Ellis**  
**Outreach and Engagement Coordinator**  
**School of Science**  
**Edith Cowan University**  
**Phone: 0402 201 808**  
**Email: [Michelle.Ellis@ecu.edu.au](mailto:Michelle.Ellis@ecu.edu.au)**
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