Andre Pesce

Software Engineer Associate

Extremely passionate about always learning new technologies and software development skills to quickly become a very capable, well rounded software engineer. Great attention to detail and very eager to continue gaining experience.

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EDUCATION

Bachelor of Information Technology (Software Development)
University of South Australia

02/2018 – 11/2020

Capstone project: Project Manager & Developer role in designing, developing, and deploying a web-based data management system for researchers to efficiently capture and store test data using Django Framework, Python, HTML, CSS, JavaScript, PostgreSQL, version control tools/GitHub & design documentation.

Diploma in Music (Sound Engineering)
Adelaide University

03/2014 – 11/2014

TECHNICAL IT SKILLS

Tools
VSCode, MS Visual Studio, GitLab/GitHub, GitLab Pipelines, Jira, Confluence, Ansible, Ansible Tower, Kubernetes, Docker, VMware, VSphere, GoTest, Eclipse, JUnit Testing, JavaFX, IntelliJ IDEA, Mockito, Qt Creator, Qt Test, XCode, Trello, Postman, Draw.io, Microsoft Excel, Microsoft 365

Languages
Python, Golang, Java, C++, C#, VB.NET, JavaScript, SQL, ASP.NET, HTML, CSS, Swift, Unix Shell/Bash

Database Management
Microsoft SQL Server 2017, Oracle SQL Developer, PostgreSQL

Frameworks / Libraries
Django, React, Bootstrap, Matplotlib

WORK HISTORY

Software Engineer Associate
Lockheed Martin Australia

08/2021 – Current
Advanced Technologies

Achievements/Tasks

— Worked as a Software Engineer Associate in an agile team environment on the FSP (Future Submarine Program) CSI (Combat Systems Integration) designing and developing translation services in Golang and front end applications in React.

— Used test driven development to assist in writing clean, efficient, bug proof and LMA standardized code.

— Worked on JORN HPA-PH2, independently designed and developed python scripts to operate various HF signal hardware in a lab environment, according to verification and validation procedures, generating CSV data and plots for characterization/post-analysis/requirement validation. Pivotal role to the projects key deliverables.

— Worked on JP9711 in a DevOps role, supporting other developers environments/VM's, writing Ansible scripts, GitLab Pipelines, and Kubernetes to automate deployments of builds and tool installations.

— Applied robust and flexible software engineering skills to adapt to new roles, environments and projects, learning new skills and technologies efficiently, and able to quickly become a valuable contributor to any project.

Caterer
ACH Highercombe
12/2015 – 8/2019
Aged Care Facility

Achievements/Tasks

- Prepared and/or cooked breakfast and lunch or dinner to 30 residents in a highly pressurized working environment with a diverse range of customers/residents and dietary requirements
- Served food & beverages and delivered a professional and friendly customer service experience to all residents and visitors
- Worked well in cooperation with co-workers, proving to be a valuable team member
- Kept the working area/kitchen in a very professionally tidy and hygienic manner in every shift

ORGANIZATIONS

CouchWarriors South Australia (2017 – 2020)
Tournament Organizer, Stream Engineer

Achievements/Tasks

- Successfully helped organize and run a 250 person fighting game tournament held at The University of Adelaide
- Setup and operate the live stream for tournaments streamed to twitch.tv
- Regularly help run local tournaments on a weekly basis for the active community, applying communication, teamwork and leadership skills

Downfall Gaming (2018 – 2021)
Professional Sponsored SSBU eSports Player

Achievements/Tasks

- Top ranked fighting game eSports player in South Australia from applying hard work and dedication to a hobby

PROJECTS

- ### Engineering Data Management System (EDMS)

08/20 – 11/20

EDMS is a web application developed for researchers under Uni SA's Future Industries Institute (FII) conducting research on thin film coatings to store, manage & analyse test data. Developed with the Django framework, the software has functionality to upload various tests and sample metadata, export data, database search with filtering, and more. Demo video can be seen at www.andrepesce.com

CERTIFICATES

Bachelor of Information Technology (Software Development) (2020)

Diploma in Music (Sound Engineering) (2014)

INTERESTS

Technology, Music, Exercise/Gym, Video Games, Social Gatherings, Travel, Reading, Movies

REFERENCES

Daniel Stone
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Rodney Pratt
Client - Capstone Project: Engineering Data Management System
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