JOHN KOUFALAS

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GitHub: /jkoufalas

Full stack web developer with software engineering experience educated at the University of Adelaide.
Skills in front and back end with strengths in meeting deadlines, problem solving, and teamwork. Passionate about programming and enjoy tackling challenging programming activities and collaborating with others to create meaningful web applications.
With previous experience as a software developer, and a drive to learn and succeed I can provide a unique and valuable perspective.

TECHNICAL SKILLS

Key Skills
Full Stack (Web) Development, Software Engineering, Network Administration, GitHub

Languages
JavaScript ES6+, CSS3, HTML5, SQL/T-SQL, Ada95, C++

Databases
NoSQL, MongoDB, MySQL, Oracle, MSSQL,

Server Technologies
Express, Node, ORM's & ODM's, Server Sessions, Progressive Web Applications (PWA), User Authentication

Browser Based Technologies
React, jQuery, CSS Frameworks (Bootstrap, Bulmar, Tailwind), Handlebars

PROJECTS

codeIT | https://github.com/jkoufalas/codeIt | https://mysterious-journey-75550.herokuapp.com/
● Summary: A social media website about coding where people can create categories and threads and come together to discuss them.
● Role: Full Stack Developer
● Tools: Express, Express Handlebars, MySQL, JavaScript, jQuery, ORM, Tailwind CSS, Express-Session, Bycrypt

Text Editor | jkoufalas/Text-Editor (github.com) | https://desolate-citadel-05719.herokuapp.com/
● Summary: JavaScript Editor that runs in a browser that can work offline with the data persistent to the browser.

- Role: PWA Developer
- Tools: PWA, Service Worker, Workbox, Manifest, Caching, IndexedDB

**WhatsOn! | https://github.com/jkoufalas/WhatsOn |
https://jkoufalas.github.io/WhatsOn/**
- Summary: Movies Database Application where the user can look up any movie currently playing in the cinemas and also any other movie.
- Role: JavaScript Developer
- Tools: HTML, CSS, JavaScript, jQuery, API, Bulmar

EXPERIENCE
IPT Analyst Programmer at Department of Defence, Adelaide, SA
Dec 2011 – June 2021

Key responsibilities
- Programming Emitter Libraries and Senior Process Engineer and reviewer.
- CEESIM simulations development.
- Leading new members.
- Emitter programming and colourisation investigation and programming improvement.
- Network Administration. (OpenVMS, Windows, Linux RedHat)
- Tool development for process improvement.

Achievements
- Recovering from a major deficiency in the system through vendor collaboration and subsequent simulator testing and investigations.
- Creating automated tools to significantly reduce reprogramming efforts.

Additional Experience
Software and Test Engineer at BAE Systems Australia, Adelaide, SA
Feb 2007 – Dec 2011
- Software Engineer - OTHR Project 2010 – 2011
- Software Engineer - Project Echidna 2009 – 2010
- Test Engineer - E7 AEW&C Operational Mission Simulator 2008 – 2009
- Network Administrator - Product Lifecycle Management Team 2007 – 2008

EDUCATION
Certificate, Full Stack Web Development – The University of Adelaide
Certificate IV Applied Project Management Practice - The Australian Institute of Management, March 2022
Applied Project Management Short Course - Australian Institute of Management, May 2021
Bachelor of Information Technology and Telecommunications with Honours - The University of Adelaide, Graduated 2006
Bachelor of Computer Science - The University of Adelaide, Graduated 2002