

DARREN SCERRI

darren@scerri.me
darrenscerri.com

github.com/darrenscerri
medium.com/@darrenscerri
linkedin.com/in/darrenscerri
twitter.com/darrenscerri

PROFILE

I am a front-end and Javascript developer, passionate for all things web and open-source with 5 years industry experience.

Highly adept in Javascript, writing modular, scalable and efficient code that works both on the browser and on the server, making modern web applications work as they should: beautiful, efficient, fast, and easy to use. Experienced in using Javascript ES6+, React, Redux, Webpack, Node.js, Express.js, MongoDB, Gulp and Docker in a single unified workflow, with a passion for tooling, workflow automation, and server and infrastructure administration. Newfound interest in blockchain and decentralised systems.

WORK EXPERIENCE

Software Engineer at Mansa Gaming — April 2017 - Present

- Developing and maintaining high-performance internal and client-facing web applications using React, Redux and ES6 coupled with Go RESTful backends

Front-End Technical Team Lead at Nemea Bank plc. — February 2016 - April 2017

- Leading, mentoring and providing technical guidance to a team of passionate front-end developers
- Planning and developing the front-end technical roadmap by identifying and analysing areas of improvement and keeping up-to-date with the latest front-end tools, techniques and technologies
- Designing and maintaining the architecture of all front-end projects, in modular, interoperable, testable, extensible and robust parts
- Maintaining high standards to project quality by establishing and implementing coding conventions, efficient development workflows, testing methodologies, deployment procedures, and tooling
- Coordinating day-to-day operations and management of projects in the team
- Working closely with the Back-End Technical Team Lead and QA Manager to ensure the delivery of high quality projects

Front-End Developer at Nemea Bank plc. — December 2013 - February 2016

- Developed from ground-up, maintaining, and improving all front-end facing products including the bank's website, web banking applications for desktop and mobile, and the bank's back-office and CRM applications, using Node.js, Express.js and Backbone.js, and later also using React, Webpack and ES6
- Created and maintaining front-end workflows, monitoring tools and systems for development and production environments using tools and services such Grunt, PM2, ELK, Bugsnag, Mixpanel, Bitbucket Server, and Bamboo CI/CD
- Developing, producing and conceiving frameworks, techniques, high-level development and system architectural concepts, ranging from NPM modules, SCSS and JS micro-frameworks to code conventions and development workflows, which are tailor-made for both generic and specific technical requirements

Teaching Assistant at University of Malta — October 2012 - July 2013

- Taught tutorials on Artificial Intelligence (Natural Language Processing) to Computer Science students which also included a group assignment to create a personal assistant similar in function to Siri

Web Developer at RTFX Ltd. — July 2012 - November 2013

- Implemented and maintained both the front-end and back-end of the company's websites and web applications making use of latest technologies, methodologies and web standards

SKILLS

- Javascript ES6+
- React, Redux, Flux Architecture
- Node.js, Express.js
- Underscore.js/Lodash
- Backbone.js, Ampersand.js, Marionette
- MongoDB, Mongoose
- Webpack, Require.js
- Chai, Mocha, Jasmine
- WebDriver, Selenium
- Grunt, Gulp
- NGINX, PM2
- Docker, Rancher
- Elastic Stack (ELK)
- PostCSS, SCSS, Compass, Susy, Neat
- Phonegap, Cordova
- Atlassian JIRA, Bitbucket Server, Bamboo
- Linux, CentOS
- Git, Mercurial, SVN
- Go, Python, PHP
- MySQL

EDUCATION

Tertiary University of Malta BSc. ICT CSAI: 2009-2012

Post-Secondary University of Malta, Junior College: 2007-2009

Secondary Savio College: 2002-2007

PROJECTS

- Developed "Malta Net Salary Calculator" (maltasalary.com), a web application written in Backbone.js, an easy-to-use net salary calculator for Maltese residents, currently ranked as the first result in Google for the query "malta salary"
- Developed "MaltaNews.Today" (maltaNews.today), a news aggregator and portal that collects articles from the top Maltese news websites and uses sentiment analysis to rank and categorise articles. MaltaNews.Today is built using NodeJS, MongoDB, React + Redux and Python among others.
- Developed an iOS and Android app (ELSA Malta Legal Translator) for ELSA (European Law Students' Association) Malta which aims to be a practical tool for Maltese law students providing the functionality to translate legal terms from Maltese to English, and vice-versa (elsa.org.mt/app)
- Developed a web application (tweetle.darrenscerri.com - *no longer maintained*) using both PHP (CodeIgniter) and Javascript. This high performance application monitors and indexes tweets in real-time, using highly-optimised indexing and searching algorithms
- Developed and marketed an application (Java) through my website which has been bought by hundreds of customers (darrenscerri.com/neobux - *no longer maintained*)
- Created custom gameplay and value-adding modifications and plug-ins for a PC video game (Call of Duty 2) in C++ which were used by several hosting companies on their game servers