Ryan **Dunsmuir**

ELIXIR DEVELOPER AT COVERFLEX

Lisbon, Portugal

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Profile

Elixir Fullstack Engineer who has built multiple fintech applications like a Flexible Employee Benefits platform and an Automated Invoice Purchase Processor, scaling transactions supported from hundreds to millions.

Professional Experience

Coverflex
Lisbon, Portugal

Elixir Developer
Jul. 2021 - Jul. 2024

- Engineered reliable, secure and fault-tolerant applications using the Elixir/Phoenix stack for a Fintech application.
- Spearheaded the use of Test-Driven Development (TDD), decreasing the number of code defects by 40%.
- Designed and implemented Event Sourcing architecture for a critical module, enhancing data consistency and streamlined error recovery by introducing additional redundancy into the software design.
- Developed REST APIs tailored to financial services, driving seamless data exchange.
- Leveraged Kubernetes and AWS to optimise application scalability.

Artis Technologies
London, UK

Freelance Fullstack Engineer Rails / React
Nov. 2021 - Present

- Orchestrated development of a fintech platform using Ruby on Rails, enabling automated invoice processing and purchasing within the oil industry, resulting in a reduction of invoice processing time by 100 times.
- Engineered performance and scalability enhancements for financial service application in Ruby / TypeScript (React)
- Integrated external APIs and services using React and JavaScript, expanding platform capabilities and fostering new strategic partnerships.
- Evaluated diverse technologies and architectures to optimise solutions.

KAN Samples
Gold Coast, Australia

Founder
Jan. 2018 - Present

- Generated annual business revenue surpassing six figures within 2.5 years of inception.
- Leveraged Digital Marketing using Google SEO, Email, and Social media, increasing customer impressions by 500%.
- Proficiently maintained and integrated new features on the company website, using HTML, CSS, JavaScript and Wordpress achieving a 30% reduction in website loading time from improvements made.
- Forged a compelling brand identity, bolstering company reputation and fostering customer loyalty.

Education

Le Wagon
Lisbon, Portugal

9-week intense full stack web development bootcamp
Apr. 2021 - Jul. 2021

- Learnt HTML, CSS, JavaScript, Bootstrap, SQL, git, Heroku and Ruby on Rails in a software engineering course – invited back as an instructor, helping teach >20 students from beginners to launching their own web applications.
- Pioneered an Airbnb clone and a Ruby on Rails prototype for a Digital Time Capsule Platform, integrating real-time JavaScript countdown functionality and garnering 95% positive user feedback upon release.

Leeds Beckett University
Leeds, UK

Bachelor of Science in Music Technology, 1:1
2014 - 2017

- Sole faculty recipient of the AMS Neve Industry Sponsored Award for Outstanding Achievement.
- Teaching Assistant to esteemed senior Professors during pivotal final semesters.
- Distinction in Game Audio undergraduate coursework, receiving one of the highest grades in faculty's history.
- Featured modules in Game Audio, Programming, Software Design, Audio Engineering and Music Production.

Skills & Technologies

Languages   Elixir, Phoenix Framework, Ruby, Ruby on Rails, React, JavaScript, SQL, Typescript, HTML/CSS

Tools   Git, Shell (Bash/Zsh), JIRA, SCRUM

References available upon request.