Pedro Maia Costa

Senior Backend Software Engineer

Portugal
+351 936439078
pnmcosta@gmail.com

Experience

Staff BE Software Engineer - Juni Technology AB (FinTech)

Dublin, Ireland (Remote) / April 2022 – Nov 2022

As part of the Automation Team, I've implemented an automation engine, in Golang and JSON Schema, where customers can configure automations/rules that trigger actions from Kafka sourced events. Deployed to an AWS Kubernetes production cluster the feature decoupled all notification actions from a centralized service to the microservice(s) with the appropriate domain knowledge to execute the action.

Did the technical discovery, planning, architecture and started the implementation of an invoice auto-payment feature that surfaced and extracted advertising network(s) monthly invoice details allowing customers to automate/have multiple/extended payment options.

Skills: Microservices · Golang · Protobuf · Kubernetes · AWS · Kafka · CI/CD · JSON · JWT · gRPC · REST · PostgreSQL · Docker · CSS · HTML · Git · Solution Architecture · Agile Methodologies · Event Driven Architecture

Senior BE Software Engineer - JPMorgan Chase & Co. (Bank)

Dublin, Ireland (Hybrid) / March 2020 – March 2022

Designed, developed, and shipped microservices and REST APIs using .NET Core and Kafka that parse, validate and load data feeds to calculate and report on fund's net asset value.

Focused on the LOB's .NET Core modernization efforts by contributing to new libraries with best practise REST and microservice configurations, examples and components that help other product teams get their apps cloud ready, shipped, and monitored using .NET Core, Kafka, IBM MQ and Oracle Database.

Skills: Microservices · .NET Core · C# · React.js · Oracle Database · Kafka · CI/CD · REST APIs · JSON · JWT · Docker · CSS · HTML · Git · Agile Methodologies · Event Driven Architecture

Developer - The Sim Grid/Coach Dave Academy (Startup)

Dublin, Ireland (Parttime) / January 2021 – December 2021

Built a GraphQL microservice for the daily grid rating system, implemented Apollo Client the Angular SPA to consume the racing ratings.

Developed a Windows Desktop/WPF application to purchase, download and install Coach Dave Academy's car setups for Assetto Corsa Competizione sim racing game.

Skills: .NET Core · Node.js · GraphQL · JSON · JWT · Angular · CSS · JavaScript · Microsoft SQL Server · Docker · HTML · Git · Windows Azure

Senior Software Engineer - Strata3 (Agency)

Dublin, Ireland / July 2019 - February 2020

Collaborated daily with stakeholders of different business units, to plan, develop and ship new features to An Post's customer facing apps, websites and APIs developed in C#, SQL Server, MVC, Web API, Kentico EMS and ReactJS.

Designed and developed a library in .NET Standard that improved the performance and resilience of app features that consumed third party WCF and REST APIs.

Skills: Web Development · Kentico · JavaScript · ASP.NET · C# · CI/CD · CSS · E-commerce · Microsoft SQL Server · HTML · Git · Windows Azure · Agile Methodologies · Content Management Systems (CMS)

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Founder & Software Engineer - PMC Digital (Agency)

Aveiro, Portugal / December 2010 - July 2019

Lead and managed a multi-disciplinary team of 7 and worked directly with clients for project planning, briefing and quotations.

Lead the development of websites and applications in Umbraco and Kentico (.NET), WordPress (PHP) and Total.js (NodeJS).

Built custom integrations with third party CRM suppliers like Agile, Salesforce and Dynamics.

Skills: Entrepreneurship · CSS · ASP.NET · Web Development · C# · E-commerce · Microsoft SQL Server · Docker · HTML · Git · Windows Azure · Agile Methodologies · Kentico · WebFlow · Node.js · Open Source Development · SQL

Lead Software Engineer - dotDigital Group

London, UK | February 2009 - November 2010

Responsible for the development of the new eCommerce solution for the company's proprietary CMS platform.

Lead and managed a multi-cultural team of 5 developers (2 core and 3 implementation developers).

Planned and road mapped solutions directly with the group stakeholders.

Responsible for the core development, documenting best practises and implementation guidelines.

Worked with the sales team to determine schedules, estimates, and costs.

Trained and supported the first level support teams.

Skills: CSS · ASP.NET · Web Development · C# · E-commerce · Microsoft SQL Server · HTML · Agile Methodologies · SQL

Software Engineer - dotDigital Group

London, UK / February 2007 - February 2009

Software Developer - Freelance

London, UK / 2005 - 2007

Software Developer - Internet Dreams Studio

London, UK / 2004 - 2005

Apprentice Developer - Mobicomp

Braga, Portugal / 2002 - 2003

Education

IT Professional - Centro de Formação Profissional de Braga

Braga, Portugal / 2000 - 2003

Finished with a final grade of 16, up to 20, acquiring the EU level 3 that is A-level/Leaving Certificate equivalent. During the course I also participated in regional and national IT Olympiads where I was placed 1st and 2nd, respectively.