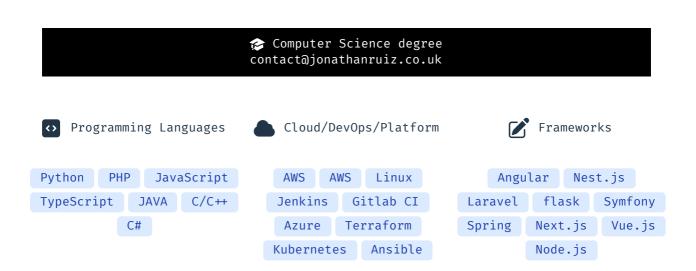


With over two decades of experience, I have built a broad skill set in programming languages such as C/C++, NodeJS, C#, Java, PHP and Python, as well as cloud platforms like AWS, Azure and GCP.

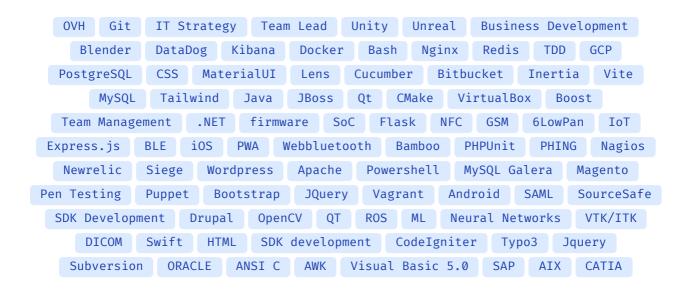
Throughout my career, I've had the opportunity to lead technical teams and design scalable infrastructures. I've worked on implementing CI/CD pipelines, automating deployment processes and developing cost-effective cloud solutions. My roles as a DevOps Tech Lead, FullStack Developer and Senior Software Engineer have helped me understand the importance of optimizing performance and reliability for various applications.

In addition to my technical expertise, I focus on strategic leadership, IT strategy and effective team management. My experience spans diverse projects, from game development to e-commerce platforms and IoT devices, demonstrating my adaptability and commitment to delivering practical solutions.

I am passionate about continuous learning and improving my skills to drive innovation and efficiency, ensuring the delivery of high-quality and reliable software solutions.



Other Skills:



Work Experience

Nexxyo Labs — Mar 2024 - Jul 2024 (5 Months)

🚥 DevOps Tech Lead

in Blink Galaxy

- Redesigned infrastructure using IaC with Jenkins, Kubernetes, Terraform,
 Packer, and Azure.
- Created CI/CD pipelines for infrastructure deployment.
- Supported other teams with advice on Azure/Cloud infrastructure.

Kubernetes Terraform Jenkins Azure OVH Git IT Strategy Team Lead

Bitheater Ltd (Contract) ——

Dec 2023 - Mar 2023 (2 Months)

🕶 Technical Lead എBouncyBrain

in FullSteam: Fluffy X Machina

- Led technical development of BouncyBrain game MVP, securing initial investment.
- Defined technical strategy and coding workflows for BouncyBrain.
- Designed and programmed game MVP using Unity and C#.
- Managed code reviews and ensured high-quality standards.
- Provided strategic leadership in business development and IT strategy.

Unity C# Git IT Strategy Team Lead Kubernetes Jenkins

Senior DevOps Engineer

in Star Trek Fleet Command

- Achieved 30% infrastructure cost reduction and 20% Redislabs cost reduction.
- Enhanced Dev environments with Twingate & Okta SSO integration.
- Successfully migrated Jenkins from 1.0 to 2.0.
- Designed and implemented AWS infrastructure using Terraform (ECS, Lambda, DynamoDB).
- Optimized infrastructure for performance, scalability, and cost-efficiency with DataDog, Cloudwatch, & Kibana metrics.
- Provided AWS expertise and best practices guidance to teams.
- Managed Docker image creation, CI/CD pipelines (Jenkins, GitLab CI), and developed Python scripts for AWS Lambda.
- Established effective monitoring with DataDog and Kibana for early issue detection.

AWS Jenkins Python DataDog Docker Linux Gitlab CI Terraform Git Redis

Bitheater Ltd (Contract) — Dec 2013 - Jul 2022 (8 Years 8 Months)

邳 Senior Software Engineer എDovetailgames

in Train Sim World 4

- Designed REST API for game and Creators Club website.
- Led application development and refactoring using Gitlab CI, Cucumber, Nest, and Next.js.
- Performed ongoing maintenance to ensure optimal application functionality and user experience.
- Implemented CI/CD workflows with Gitlab CI and Docker.
- Optimized Linux and Nginx infrastructure for improved performance and costefficiency.
- Managed Google Cloud Services (GCP) focusing on App Engine, Docker, and Kubernetes.

PostgreSQL Docker Gitlab CI Kubernetes TDD GCP Nest.js TypeScript Next.js Node.js

Lead Full Stack Developer @Blue Ocean Sustainability

in Truecarbon Score

- Created and implemented API for application migration and M2M connections.
- Led design and development of Truecarbon Score app with Laravel, Vue.js, and Inertia.
- · Provided project owner reporting for transparent project communication.
- Managed team tasks and progress to meet project timelines.
- Managed AWS services, focusing on Beanstalk for deployment and scalability.

Laravel Vue.js TypeScript Bash Docker AWS

😲 Full Stack Developer 🗛 Ifatec

in SINA HIS (Hospital Information System)

- Developed REST API and applications using JAVA, Spring, and Angular for highquality software delivery.
- Refactored MySQL codebase to enhance maintainability and readability.
- Implemented key features with DBOSS (Firefly) to expand the company's customer base.

Spring Java MySQL **JBoss** TDD Git TypeScript



🖫 Lead Software Engineer 🛭 🖂 🖫

- Led migration from Microsoft libs to cross-platform (Linux + Windows) for Intelligent Traffic System (ITS).
- Refactored and optimized C/C++ codebase for better maintainability and performance.
- Utilized C++, Qt, and CMake for successful migration across Linux and Windows.
- Implemented **Boost** libraries to enhance ITS functionality.
- Collaborated on platform-specific challenges for seamless integration.
- Achieved Linux compatibility for tenders requiring Linux support.
- Managed press articles: Article 1: https://bit.ly/2Z11mgC Article 2: https://bit.ly/30AVGva

C/C++ Qt CMake Bash Linux Boost Team Management Team Lead Git .NET



🚆 Lead Software Engineer

- Led IoT device prototyping using Python on Raspberry Pi and C on nRF51 Soc.
- Performed nRF51 firmware maintenance and upgrades.
- Implemented IoT business logic on Raspberry Pi using Python for rapid testing and feature additions.
- Conducted extensive testing of NFC, 6LowPan, GSM, and TCP/IP for internet access, informing patent requests.
- Filed patent requests to protect developed mechanisms for data exchange (see Certifications section for links).

Node.js SoC C/C++ Python Flask NFC GSM 6LowPan IoT firmware BLE Team Lead Git iOS **PWA** Webbluetooth



Lead DevOps Engineer

- Automated and maintained E-Commerce platform infrastructure for optimal performance and reliability.
- Developed CI/CD processes for Progressive Web App development, enabling rapid releases to staging and production.
- Implemented backup and disaster recovery processes to meet ISO standards certifications.
- Managed and configured Atlassian platform tools: GIT/Bitbucket, Bamboo, and Jira.

Ansible Docker Bamboo Azure Linux Nagios Newrelic Team Lead Bash Wordpress Git Apache

📈 Cloud Engineer

- · Led design and implementation of international e-commerce platform's scalable and reliable infrastructure.
- Orchestrated successful migration from on-premise to cloud-based architecture with meticulous planning and testing.
- Resolved networking issues and enhanced stability using advanced troubleshooting techniques.
- Implemented proactive measures to continuously enhance system infrastructure for evolving business and technological needs.

Linux Apache MySQL Galera Magento Nagios Newrelic Bash Azure Pen Testing Git

🚍 Full Stack Developer @Rocket Internet GMbH

in Lendico

- Developed P2B lending platform emphasizing functionality, security, and scalability.
- Refactored application to maintain compatibility with P2P lending platform, using a unified codebase.

Linux Bootstrap Symfony JQuery

Telefonica/Movistar -

Dec 2012 - Dec 2013 (1 Years 1 Months)



🔊 Lead Android Developer

in Por Ser Movistar

- Led development of native Android app with SSO (SAML) for 20M Movistar clients.
- Published Android app for seamless access to exclusive offers.
- Developed deployment tools and statistics compilation for streamlined processes.
- Configured Apache servers for performance and security.
- Implemented high-availability systems for continuous service availability.

SourceSafe Android Java SAML Team Lead



🔊 Lead Full Stack Developer

in Por Ser Movistar

- Led development of promotional site and REST API for exclusive offers and coupons for Movistar clients.
- Created web platform for Movistar customers to access exclusive offers and coupons.
- Developed REST service as foundation for future mobile app development.
- Led Android app development for seamless user access to offers.
- Contributed to web development using PHP/Symfony, REST services, and SSO (SAML) integration.
- Developed SSO SDK for integration with Movistar's SAML identity provider.
- Implemented high-availability systems for continuous service availability.

SDK Development Symfony JQuery JavaScript Linux Apache SAML Nginx Team Lead Git

Full Stack Developer

• Developed a web application for the management of the university's research projects using Drupal

Drupal Git



曲 Senior Software Engineer

- Developed applications for humanoid robotics, contributing to field advancements.
- Implemented neural network training systems for humanoid robotics.
- Developed computer vision applications with OpenCV.
- Contributed to projects documented at IEEE and Robinlab.
- Worked on the humanoid torso robot project at Robinlab.

OpenCV QT CMake Git Neural Networks

Inovacion Dental ——

May 2010 - Dec 2010 (8 Months)

😲 Senior Software Engineer

- Managed and visualized DICOM images with VTK/ITK libraries for medical image processing.
- Developed Dental DICOM Images Analysis application for specialized medical imaging.
- Created Mitsubishi Robotic Arm application for dental procedure automation.

VTK/ITK DICOM Swift OpenCV Java Git C/C++

Overon —

Jun 2009 - Feb 2010 (9 Months)



🔊 Full Stack Developer

- Designed and maintained internal applications for enterprise management.
- Managed databases and email servers for seamless operation of internal applications using Linux, Apache, and MySQL.
- Developed Client/Server Applications to meet business requirements, utilizing PHP.

Linux Apache MvSQL PHP Bash CSS

Thyssen-Bornemisza -

Mar 2009 - Jun 2009 (4 Months)



Full Stack Developer

- Developed PHP SDK for building CMS managed web applications.
- Contributed to services at an interactive communication agency.
- Designed and developed websites for seamless user experience.
- Created multimedia content for engaging online experiences.
- Provided internet consulting services for strategic online presence.
- Contributed to branding, positioning, and corporate identity online.
- Resolved issues in enterprise web portals to maintain functionality.
- Developed enterprise web portals using PHP and CodeIgniter, demonstrating expertise in Linux, Apache, MySQL, and PHP.

SDK development Linux Apache MySQL PHP CodeIgniter Typo3 CSS JavaScript Jquery Git



Full Stack Developer

- Improved and maintained company's CMS SDK.
- Conducted PHP web development for dynamic and interactive websites.
- Developed CMS solutions using MySQL, Linux, and PHP5, focusing on eCommerce and MVC architecture.
- Utilized Object-Oriented Programming (OOP) principles for efficient code development.
- Monitored and troubleshooted web and mail servers for performance and reliability.
- Contributed to development, maintenance, and integration of various websites.
- Developed and deployed SOAP web services to enhance functionality.
- Administered CentOS Linux servers for seamless operation.

SDK development PHP Jquery JavaScript Subversion

EADS CASA Espacio —

- Jun 2001 - Nov 2007 (6 Years 6 Months)



🥇 Full Stack Developer

- Developed warehouse and providers management application with PHP and MySQL.
- Created non-conformance reports (NCR) management application using PHP, HTML, CSS, and MySQL.
- · Contributed to development of enterprise internal network services, including intranet and partner data transfer.
- Resolved technical issues, conducted troubleshooting, and developed tools for efficiency.
- Designed graphic user interfaces for data consultation, modification, and insertion.
- Developed data exchange interface between Oracle and MySQL.
- Created autoclave management application with Visual Basic 5.0.
- Facilitated information exchange between partners and company, including SAP interfaces.

Linux PHP CSS JavaScript Jquery MySQL Apache Subversion



Systems Administrator

- Administered AIX/UNIX/Linux servers, overseeing various services for optimal performance.
- Configured and tuned Apache2, including mod_proxy, mod_php, and virtual domains, for efficient web services.
- Performed troubleshooting, upgrades, and configuration of services/systems on AIX/UNIX/Linux/Solaris servers.
- Managed databases to ensure integrity and availability for critical operations.
- Implemented and maintained MySQL backup system for data integrity.
- Provided technical support for CATIA users.

Linux



Freelance Teacher

- Conducted training sessions for UNIX shell scripting.
- Delivered comprehensive Master classes on C/C++ and Linux sponsored by the Madrid Council.
- Taught application development course with <a>Java, sponsored by the Madrid Council.

Linux Bash C/C++ Java