

IVAN PORTA

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PROFESSIONAL SUMMARY

Experienced Senior DevOps Engineer with a robust software development background, enabling enhanced project understanding. Renowned for solving complex problems using innovative technologies, and delivering well-structured code. Skilled at leading multicultural teams of 2-6 members, orchestrating efficient sprints, and creating POCs through Agile methodologies. Actively mentoring junior and mid-level team members, fostering a learning culture. He maintains direct communication with stakeholders, ensuring team performance and project success.

CORE COMPETENCIES

- Agile Methodologies
- DevOps
- Road Map Development
- User Flow & Experience
- Microservices
- Technical Writing
- Troubleshooting
- Quality Assurance
- Waterfall Methodology
- Requirements Gathering
- Application Integration
- Performance Development

TECHNICAL PROFICIENCIES

Compute: Azure Virtual Machines, Azure Virtual Machine Scale Sets, Azure Functions, Azure App Service, Azure Logic Apps

Container: Azure Kubernetes Service (AKS), Azure Container Apps, Azure Container Instances, Azure Container Registry, Kubernetes, Docker, Docker Swarm

Networking: Azure Virtual Network, Azure DNS, Azure Private DNS Zone, Azure Private Endpoints, Azure Firewall, Azure Front Door, Azure Private Link

Storage: Azure Blob Storage, Azure Table Storage

Databases: Azure SQL Database, SQL Server

Web: Azure App Service, Azure API Management

AI & Machine Learning: Azure Cognitive Services, Azure Bot Service, Azure Search

Identity: Azure Active Directory, Azure Active Directory Business to Customer (B2C)

DevOps: Azure DevOps, Azure Pipelines, Azure Boards, Azure Repos, Azure Test Plans, GitHub, GitHub Actions, GitHub Enterprise, Git, CircleCI, Jira, Confluence

Infrastructure as Code: Terraform, Infracost

Security: SonarCloud, Checkov, Docker Scout

Performance Testing: k6

Management Tools: Azure Policy, Azure Log Analytics

Collaboration: Office 365, SharePoint Server 2013, SharePoint Online, Microsoft Teams

Programming, Markup, Query, and Scripting Languages: C#, JavaScript, Bash, PowerShell, HTML5, CSS3, LINQ, SQL

Libraries/Frameworks: ASP.NET Core, Entity Framework, Entity Framework Core, jQuery, KnockoutJS, React.js

PROFESSIONAL EXPERIENCE

AVANADE / EDINBURGH, UNITED KINGDOM / 2022 – CURRENT

SENIOR DEVOPS ENGINEER

FULL-TIME CONTRACT

- Design, implement, and manage CI/CD pipelines utilizing Azure Pipelines, GitHub Actions, and YAML definitions, targeting diverse cloud-based environments.
- Create, deploy and maintain infrastructure automation through Infrastructure as Code (IaC) using tools such as Azure Resource Manager and Terraform.
- Develop, deploy, and manage containerized workloads within cloud environments, optimizing for scalability and performance.
- Safeguard security and uphold governance by embedding security practices within the Software Development Life Cycle (SDLC) and crafting and enforcing Azure Policies across client tenants.
- Participate in the talent acquisition process by conducting interviews and evaluating prospective team members from the candidate pool.

MICROSOFT / MILAN (MI), ITALY / 2021 – 2022

CUSTOMER ENGINEER

FULL-TIME CONTRACT

- Spearhead the migration to DevOps through live trainings
- Support clients building secure and reliable applications using Azure, CI/CD pipelines, Docker, Kubernetes, and .NET
- Participate in proactive account management, spot performance issues, analyze problems, develop solutions to meet customer needs, advocate for them.
- Provide the most effective method of service delivery by analyzing trends and common themes across customers.
- Create deliverables to address common customer needs, and support a mobile-first, cloud-first strategy.
- Build plans that consider potential obstacles and immediate and long-term consequences.

TECHEDGE GROUP S.P.A. / REMOTE / 2018 – 2021

DEVOPS ARCHITECT

FULL-TIME CONTRACT

- Spearhead the migration to DevOps by training more than 20 Junior/Mid developers.
- Create development plans, schedules, tasks, and estimates for development projects.
- Setup and configuration of Continuous Integration (CI) and Continuous Deployment (CD) pipelines
- Pilot operations across designing, developing, documenting, testing and debugging new and pre-existing applications.
- Build secure and reliable applications using Azure, Docker, Kubernetes, and .NET Core
- Craft and implement development plans, schedules, tasks, and estimates for development projects, guiding all deliverables within the required budget, timeline, and scope.

.NET DEVELOPER

FULL-TIME CONTRACT

- Lead and manage all stages of the application development, from initial design and architecture to full development, deployment, and ongoing management.
- Orchestrate a small team of Junior/Mid developers in developing and maintaining a highly sophisticated application, proactively identifying potential risks and issues in order to execute sustainable solutions for optimal functionality.
- Pilot operations across designing, developing, documenting, testing and debugging new and pre-existing applications.
- Craft and implement development plans, schedules, tasks, and estimates for development projects, guiding all deliverables within the required budget, timeline, and scope.

BARCLAYS / PRAGUE (PRG), CZECH REPUBLIC / 2018

.NET DEVELOPER

FULL-TIME CONTRACT

- Led the development and maintenance of a new WPF component.
- Executed the development and maintenance of new functionalities leveraging expertise in C#, ASP.NET MVC, and .NET Framework.
- Delivered post-production strategic troubleshooting and support to ensure full and successful component integration and functionality.

SSW / MELBOURNE (VIC), AUSTRALIA / 2018

SOFTWARE DEVELOPER

FREELANCER

- Piloted design and development of RESTful API to manipulate dynamic datasets using AJAX calls.
- Led project to enhance and maintain existing web applications using C#, ASP.NET MVC, Angular, AJAX, and .NET Framework.

DOCFLOW S.P.A. / ROZZANO (MI), ITALY / 2016 - 2018

.NET DEVELOPER

FULL-TIME CONTRACT

- Collaborated with a team of 4 to develop and maintain a highly customizable application.
- Led the development of new features based on the PM's specifications, demonstrating astute attention to detail and execution skills.
- Designed cross-browser and cross-platform compatible solutions to optimize functionality.
- Spearheaded the optimization of JavaScript and HTML code for faster and more efficient performance.

OPEN MARKETING S.R.L. / SERIATE (MI), ITALY / 2016

IT CONSULTANT

FREELANCER

- Developed new customer plug-ins for the open-source WordPress platform.
- Piloted initiatives to improve coding of PHP and JavaScript to successfully improve functionality and user experience.

FASHION LUX / TREVIGLIO (BG), ITALY / 2016

IT CONSULTANT

FREELANCER

- Demonstrated technical expertise in developing client e-commerce platform that exceeded expectations.
- Delivered exceptional customer service while prioritizing and managing client communications in a timely and efficient manner.
- Led the development of concepts, controlled project flow, and ensure deliverable milestones were met within project scope.
- Orchestrated efficient, cost-effective web hosting to meet and exceed client's technical needs.

BAGALA BAKERY / MILAN (MI), ITALY / 2016

IT CONSULTANT

FREELANCER

- Developed client e-commerce platform that exceeded expectations in driving business forward with profitable results.
- Provided superb customer service, streamlining client communications and accurately translating client needs into technical product specifications.
- Optimized product flow, ensuring deliverable milestones were consistently met, and developed concepts to solidify product performance.
- Delivered efficient, cost-effective web hosting that exceeded client's technical needs.

SOCIAL DAIRY OF BEDUZZO INFERIORE / BEDUZZO INFERIORE (BS), ITALY / 2015 - 2016

IT CONSULTANT

FREELANCER

- Designed and execute client e-commerce platform, translating client needs into technical requirements and successfully meeting business goals.
- Developed concepts, controlled project flow, and delivered all milestones within timeline and scope.

- Produced an efficient, cost-effective web hosting service that exceeded client expectations.

YOURBIZ S.R.L. / TREVIOLIO (BG), ITALY / 2015

IT CONSULTANT

FREELANCER

- Led development and maintenance of new features using ASP.Net MVC and C#.
- Provided skilled post-production troubleshooting and support.
- Created full design and functions for all US applications.

ROBERTO BARUFFI / MILAN (MI), ITALY / 2015

IT CONSULTANT

FREELANCER

- Built and developed a client's website with superb technical abilities, client relationship management, and streamlined communication.
- Developed concepts, controlled project flow, and delivered all milestones within requirements.
- Delivered an efficient and cost-effective web hosting that exceeded expectations.

RAGSS FASHION OUTLET / TREVIGLIO (BG), ITALY / 2015

IT CONSULTANT

FREELANCER

- Led development of client's e-commerce platform, successfully leading a team of 3 developers as project manager.
- Streamlined client communication, translating business needs into technical requirements.
- Established concepts and executed project flow controls to deliver all milestones within scope.
- Delivered a cost-effective web hosting that exceeded client's technical needs.

ENRICO ROSCIO / VIMERCATE (MI), ITALY / 2015

IT CONSULTANT

FREELANCER

- Spearheaded development of client e-commerce platform, translating all business needs into technical requirements and successfully optimizing project flow to deliver all milestones on time.
- Provided an efficient and cost-effective web hosting to exceed client's technical needs.

CORIWEB S.R.L. / TREVIGLIO (BG), ITALY / 2015

JUNIOR WEB DEVELOPER

FULL-TIME CONTRACT

- Liaised with clients during project kickoff meetings, gathering requirements and aligning business and technical objectives.
- Led creation of site layout/user interface from provided design concepts by leveraging expertise in C#, HTML, CSS, JavaScript, and ASP.NET MVC.
- Evaluated to verify its validity, proper structuring, and compliance with industry standards; including compatibility with browsers, devices, and operating systems.
- Piloted modification of current systems, writing and testing code.

EDUCATION AND CREDENTIALS

CERTIFICATE IN CLOUD COMPUTING AND DEVOPS, 2020

Massachusetts Institute of Technology / Remote

Core Coursework: *Cloud Applications / Security Measures in Software Design / Technicalities of Containers & Orchestration / Software Development / Fundamentals of Cloud Computing / DevOps Methodologies*

CERTIFICATE IN C# PROGRAMMING, 2018

University of California San Diego / Remote

Core Coursework: *Object-Oriented Programming / Application on .NET Framework / Microsoft Stack of Technologies / C# in Database, Web, and Network Programming*

HIGH SCHOOL DIPLOMA, 2013

Industrial Institute A.Righi / Treviglio (BG), Italy

Core Coursework: *Information Systems / Information Processing / Applications and Web Technologies / Networks / Application Life Cycle Management / Software Management / Production Systems Planning*

PROFESSIONAL CERTIFICATIONS

GITHUB ACTIONS, GITHUB (2023)

LFS211: LINUX NETWORKING AND ADMINISTRATION, THE LINUX FOUNDATION (2023)

SC102: SOURCE CONTROL MANAGEMENT WITH GIT, THE LINUX FOUNDATION (2023)

MICROSOFT CERTIFIED TRAINER, MICROSOFT (2022)

LFS261: DEVOPS AND SRE FUNDAMENTALS - IMPLEMENTING CONTINUOUS DELIVERY, THE LINUX FOUNDATION (2022)

LFS262: IMPLEMENTING DEVSECOPS, THE LINUX FOUNDATION (2022)

PROFESSIONAL SCRUM MASTER™ I - PSM I, SCRUM.ORG (2022)

GITHUB ADMINISTRATION, GITHUB (2022)

MTA: HTML5 APPLICATION DEVELOPMENT FUNDAMENTALS, MICROSOFT (2022)

MTA: INTRODUCTION TO PROGRAMMING USING JAVASCRIPT, MICROSOFT (2022)

MTA: SOFTWARE DEVELOPMENT FUNDAMENTALS, MICROSOFT (2022)

MICROSOFT POWER PLATFORM FUNDAMENTALS, MICROSOFT (2022)

MCE: MICROSOFT CERTIFIED EDUCATOR, MICROSOFT (2022)

HASHICORP: TERRAFORM ASSOCIATE, HASHICORP (2021)

MICROSOFT CERTIFIED TRAINER, MICROSOFT (2021)

MICROSOFT CERTIFIED TRAINER, MICROSOFT (2020)

MS-900, MICROSOFT 365 FUNDAMENTALS, MICROSOFT (2020)

MOS 77-729, MICROSOFT OFFICE SPECIALIST POWERPOINT 2016, MICROSOFT (2020)

DP-900, AZURE DATA FUNDAMENTALS, MICROSOFT (2020)

AI-900, AZURE AI FUNDAMENTALS, MICROSOFT (2020)

AZ-400, AZURE DEVOPS ENGINEER EXPERT, MICROSOFT (2020)

AZ-203, AZURE DEVELOPER ASSOCIATE, MICROSOFT (2020)

AZ-900, AZURE FUNDAMENTALS, MICROSOFT (2019)

70-483, C# PROGRAMMING, MICROSOFT (2017)

70-480, PROGRAMMING IN HTML5 WITH JS AND CSS3, MICROSOFT (2016)

VOLUNTEERISM

DEVOPS CONFERENCE, 2021

Speaker / Remote

Present two sessions focused on load testing using k6, and powerBI report deployment automation using GitHub Actions and Azure DevOps.

GLOBAL AZURE, 2020

Speaker / Remote

Present a session focused on how Azure DevOps and GitHub can boost an organization's productivity.

CLOUDGEN VERONA, 2020

Speaker / Remote

Present a session focused on .NET Core.

WOMAN WHO CODE, 2020

Mentor / Remote

Organize and present several webinars focused on .NET Core and DevOps using Microsoft Teams Live Event's feature.

PHILABUNDANCE, 2020

Fundraiser / Remote

Organize and present several webinars to collect donations to fight the spread of COVID-19 in Philadelphia. The webinars were focused on C# programming and DevOps and were hosted entirely online using Microsoft Teams Live Event's feature.

CODE.ORG, 2019 - 2020

Mentor / Remote

Inspire students by talking about the breadth of possibilities with computer science through video chat lessons.

COMMON CODE, 2018

Mentor / Melbourne (VIC), Australia

Collaborate with a team of 10 volunteers to support a class of more than 30 students to gain the skills and confidence needed to correctly write code using JavaScript.

ADDITIONAL INFORMATION

Interests: Videogames (recreational), Cooking, Blogging (recreational), Mentoring, Public Speaking