

RAFFAELE PRINCE

Software Engineer

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📍 Bari, IT

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SUMMARY

I am a **Software Engineer** with more than **five years** of experience, specializing in web application frameworks, with a strong focus on **backend development and enterprise architecture**. I design scalable software architectures for data platforms, leveraging my deep expertise in **Spring/Spring Boot**. I have worked with clients in the **insurance and banking** industries, delivering robust and high-performance solutions. I'm passionate about building high-performance, scalable solutions that drive business value.

WORK EXPERIENCE

Enterprise Architect Senior Consultant

Accenture

📅 April 2024 – Ongoing

📍 Bari, IT (remote)

For both Mobility and Insurance clients, I lead the development of robust, cloud-native backend systems and scalable infrastructures.

- Designed and implemented cloud architectures on GCP and AWS.
- Developed backend systems using Spring Boot and PostgreSQL.
- Integrated GCP services including Pub/Sub, Cloud Storage, and Firestore.
- Led a cross-functional team ensuring development best practices.
- Oversaw cloud cost optimization and system performance tuning.
- Facilitated technical onboarding and mentoring within the team.

GCP AWS Spring & Spring Boot OOP (Java & Kotlin) Postgres & Mongo & Firestore Git & GitHub & Bit-bucket Kafka & Pub-Sub
Docker Kubernetes REST APIs GitHub Actions (CI/CD)

Mid Backend Developer

Open Reply

📅 April 2021 – June 2024

📍 Bari, IT (remote)

Worked as a backend engineer on a Wealth Management Platform in the banking sector for a leading client, focusing on the development and maintenance of distributed microservices using Spring Boot.

- Developed and maintained microservices with Spring and Spring Boot.
- Optimized Oracle and PostgreSQL databases, including complex query tuning.
- Implemented batch processing solutions for large data workflows.
- Automated data loading and delivery with Bash and SQL scripting.
- Performed system performance tuning and scalability improvements.
- Mentored junior developers and supported onboarding activities.

Spring & Spring Boot Oracle DB Microservices Bash & SQL Performance Optimization OOP (Java) JMeter & Jquery

IT Specialist

Studiodichiara SRL

📅 June 2015 – September 2018

📍 Policoro, IT (on site)

Worked as an IT collaborator during high school, providing support in web development, training, and technical services for public administrations.

- Developed and maintained websites using Joomla 3 CMS.
- Provided IT support and hardware maintenance services.
- Delivered ECDL (AICA) courses as coordinator and tutor.
- Implemented LAN, WLAN, and captive portal systems for municipalities.
- Offered technical services to public administration clients.

Joomla 3 CMS ECDL Tutoring LAN & WLAN Public Administration IT PC Hardware Maintenance

EDUCATION

Bachelor's Degree in Computer Science

University of Bari "Aldo Moro"

📅 October 2017 – April 2021

📍 Bari, IT

Final grade: **106/110**

Thesis: *Application of clustering algorithms for the analysis of genetic data*

Mainly focused on the techniques of software engineering. Some topics which were covered for my thesis:

- Clustering algorithms (e.g. K-Means, DBSCAN, Hierarchical)
- Dimensionality reduction techniques (e.g. PCA, t-SNE)
- Bioinformatics and genetic data preprocessing
- Feature extraction from high-dimensional datasets
- Python stack (NumPy, Pandas, scikit-learn, matplotlib)
- Evaluation of unsupervised learning methods
- Data visualization and interpretation in biological context

C++

Java

MySQL

Python

High School Diploma in Information Technology

ITCG "Manlio Capitolo"

📅 September 2011 – July 2016

📍 Tursi, IT

Final grade: **90/100**

- Network systems
- Computer architectures
- Programming basics

C

Java

PHP

MySQL

JavaScript

HTML

CSS

CERTIFICATIONS

TOGAF® 9.2 Certification (Level 1)

The Open Group

📅 In progress

- Enterprise Architecture Principles
- Architecture Development Method (ADM)
- TOGAF Content Framework & Metamodel
- Architecture Governance and Capability Framework

ArchiMate

TOGAF ADM

Sparx EA

BPMN

Cisco IT Essentials Certification

Cisco Networking Academy

📅 May 2016

- Computer Hardware & Software Fundamentals
- OS Installation and Configuration
- Networking Basics and Security
- Preventive Maintenance and Troubleshooting

Windows

Linux

Cisco Packet Tracer

BIOS/UEFI

TCP/IP

ICDL Standard Certification

ICDL Foundation

📅 June 2017 – July 2017

- Digital Literacy and Productivity Tools
- Word Processing (e.g. MS Word)
- Spreadsheets (e.g. MS Excel)
- Presentations (e.g. MS PowerPoint)
- Online Collaboration and Cloud Tools

Microsoft Office Suite Google Drive File Management

ICDL Full Standard Certification

ICDL Foundation

📅 June 2017 – July 2017

- Advanced Office Productivity
- Database Management Basics
- IT Security and Data Protection
- Online Services and Collaboration
- Computing Essentials

Microsoft Access LibreOffice OneDrive Google Docs

ICDL IT Security Certification

ICDL Foundation

📅 June 2017 – July 2017

- Data Protection and Privacy
- Secure Web Browsing and Communication
- Malware and Threat Prevention
- Device and Network Security Practices

Antivirus & Firewall Secure Email (SSL/TLS) VPN Two-Factor Authentication

HARD SKILLS

REST APIs & gRPC Spring & Spring Boot
Kubernetes Docker Postgres & Oracle
MongoDB & Firestore Google Cloud Platform
AWS Git OOP (Java, Kotlin, C++, C#)
Kafka & Pub/Sub & RabbitMQ
CI/CD (GitHub Actions) GitHub Copilot
Python, NumPy, Pandas, Scikit-learn

SOFT SKILLS

Requirement Analysis Team Leading
Project Management Problem Solving
Result-Oriented Agile Methodologies

LANGUAGES

Italian (Native)
English (B2)

