BENITO TACCARDI

MALE 10-04-1996

SOFTWARE ENGINEER

CONTACT

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in https://www.linkedin.com/in/benito-taccardi

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EDUCATION

Master Degree Computer Engineering
University of Salento
2019-2021
110/110 with honours

Bachelor Degree Computer Engineering
University of Salento
2015-2019
110/110 with honours

PUBLICATIONS

- HF-SCA: Hands-Free Strong Customer Authentication Based on a Memory-Guided Attention Mechanisms
- An innovative AAL system based on neural networks and IoT-aware technologies to improve the quality of life in elderly people
- A Smart Approach able to face Distraction Issue due to Smartphone Usage running Social Networks

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LANGUAGES

Italian ▬▬▬▬▬▬▬▬▬▬▬

English ▬▬▬▬▬▬▬▬

CERTIFICATIONS

- **AWS Associate Developer** (04-2024)
- **IELTS 7 band** (06/2019)

PROFILE

I specialize in backend software engineering and cloud architecture, with a passion for crafting high-performance, scalable solutions. With 4 years' experience in web services and research, I excel at optimizing APIs and developing efficient business logic. Currently focused on leveraging AWS services to dramatically enhance application functionality and performance. Always eager to explore new technologies that can revolutionize how we build and deploy software, consistently driving impactful results for users and businesses alike.

WORK EXPERIENCE

Product Engineer (Backend)

Unobravo s.r.l. | Remote   2023-now

- Key Achievements:
  - Developed new business logic features, enhancing application functionality.
  - Optimized APIs, reducing query response times by up to 90%.
  - Engineered multi-layered architectural solutions for complex systems.
  - Monitored and maintained system stability, improving uptime and performance.
  - Increased therapist recruitment by 20% through a targeted feature implementation.
  - Reduced core feature latency from 9 seconds to 600 milliseconds.
  - Reduced Testing time in CI/CD ~20%
- Technical Expertise:
  - Cloud: AWS (ECS, Lambda, S3, API Gateway, SSM, CloudWatch, RDS, DynamoDB, SQS, SNS, EventBridge)
  - IaC: Pulumi (formerly Terraform)
  - Languages/Tools: Node.js, TypeScript, GraphQL, GitHub Actions
  - Monitoring: New Relic, Grafana

Software Researcher

Engineering | Remote   2021-2023

- Key Contributions:
  - Delivered complete technology solutions for European research projects, including B-WaterSmart, Digital Aosta Valley Card, and Pathocert
  - Engineered research-driven products aligned with specific project objectives
  - Enhanced QGIS based project latency ~ 45% using cached layers
  - Reduced projects bug tickets from ~30% using version controls systems and IaC
- Technical Expertise:
  - Backend: SpringBoot, FastAPI
  - Version Control & CI/CD: GitLab
  - Geospatial Tools: QGIS, GeoServer
  - Web Servers & Containerization: Nginx, Docker
  - Frontend: React, Angular, Ionic
  - Databases: MongoDB, MySQL, PostgreSQL
  - IAM: Keycloak

Software Engineer

Vidyasoft s.r.l | Lecce   2020-2021

- Key Achievements:
  - Delivered backend solutions for banking clients, including BancaSella and Banca D'Italia.
  - Developed and integrated HF-SCA, a fraud detection algorithm for voice-assisted purchases.
  - Boosted company revenue by 12% and increased banking partnerships by 60% through HF-SCA's success.
- Technical Expertise:
  - Machine Learning & AI: TensorFlow, PyTorch, Python
  - Backend: SpringBoot
  - Containerization: Docker
  - Frontend: Angular, Vue
  - UI Design: Tailwind CSS
  - This version keeps the focus on measurable outcomes and essential technical skills.