Alessandra Salanitri

Junior Software Engineer

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🐙 AlessandraSalanitri (Alessandra Salanitri) (github.com).

🌐 https://alessandrasalanitriportfolio.info/

About Me

Developed an AI-powered wearable camera prototype for visually impaired individuals, integrating real-time object detection and contextual understanding.

Technical Skills

- **Programming Languages**
  Python, Java, JS, React, Node.js

- **Linux and SIEM Tools**
  Wireshark, TCPDump, Script Shell

- **Database Management**
  SQL, Mongo, Firebase

- **Data Analysis**
  Tableau, Excel, Jupiter, Tensorflow

- **UX and Design**
  Figma, Canva

Soft Skills

- **Problem-solving and Critical Thinking**

Able to analyze complex challenges, identify root causes, and develop efficient solutions.

- **Communication and Interpersonal Skills**

Active listener who values others' input. Strong ability to convey technical concepts to both technical and non-technical audiences.

- **Leadership and Team Collaboration**

Experienced in leading teams, fostering a collaborative environment, and mentoring colleagues to achieve project goals efficiently.

- **Time Management and Multitasking**

Effectively prioritizes multiple projects and deadlines, balancing academic commitments, software development projects, and managerial roles.

- **Adaptability and Resilience**

Thrives in fast-paced environments, quickly learning new technologies and adjusting to evolving industry demands**.**

- **Attention to Detail and Analytical Thinking**

Meticulous approach to coding, debugging, and data analysis, ensuring high accuracy and optimization in software solutions.

Projects

Platform for Visually Impaired Individuals
- Developed an assistive AI-powered platform.
- Implemented accessibility-first design with a focus on UX for visually impaired users.
- Utilized React Native, Node.js, PostgreSQL, Firebase, RESTful API, GraphQL.
- GDPR compliant storage, End-to-end encrypted AI processing, OpenWakeWord Vosk.

Cyber Security Course Project
- Hands-on experience with Network security tools like Wireshark and TCPDump.
- Analyzed security threats and applied mitigation strategies.

Additional university project with several technologies used in my GitHub

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Education

Solent University – BSc (Hons) Computer Science
Graduation- June 2025

Ipssea Karol Wojtyla –
Leadership Management in Hospitality Services
2011 – 2014 - Honor

Certifications

- **CCNA** Network and Security Academy: Cisco Router & Switches
- Google **Cyber Security** Certification Program
- **AI** Essential Google Certified Course
- **Linux** Shell Scripting

Work Experience

Customer Service Manager | Entain Group | 2023 – Present
- Managed compliance tasks and ensured adherence to regulatory standards.
- Acted as a liaison between customers and the compliance team, demonstrating attention to detail and high standards.

Duty Restaurant Manager | Nopi, Ottolenghi | 2022 – 2023
- Developed leadership skills, team accountability, and process optimization.

Data Analyst - Admin Support | V.G.S Ittici (Remote) | 2019 – 2020
- Processed large datasets for trend analysis and automated reporting using Python and SQL.
- Created data visualization dashboards with Tableau and Excel to communicate insights to stakeholders.
- Conducted data cleaning and validation for more accurate decision-making.

Additional 10+ years of experience in hospitality and business ownership, fostering leadership, resilience, and problem-solving skills.