Alessandra Salanitri

Junior Software Engineer

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AlessandraSalanitri (Alessandra Salanitri) (github.com).

About Me

Detail-oriented, curious, and ambitious professional with a strong drive for continuous learning and problem-solving. Passionate about software development, cybersecurity, and data analysis.

Technical Skills

- Programming Languages
 Python, Java, JS,
 React, Node.js
- Database Management SQL, Mongo, Firebase
- Linux and SIEM Tools
 Wireshark, TCPDump,
 Script Shell
- Data Analysis
 Tableau, Excel,
 Jupiter, Tensorflow
- UX and Design Figma, Canva

Education

Solent University – BSc (Hons) Computer Science

Graduation- June 2025
Relevant Coursework: Object-Oriented
Programming, Algorithms, Data Structures,
& Machine Learning

Ipssea Karol Wojtyla -

Leadership Management in Hospitality Services 2011 – 2014 - Honor

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

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.