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

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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.