Gustavo Rocha da Silva

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EXPERIENCE

Founder & Software Engineer | Independent | 2023 – Present
- Built paid Apify Actors used by 300+ monthly active users, all with top ratings. apify.com/silva95gustavo
- Created certidoes.ai, a SaaS that extracts and interprets data from Portuguese company and property registries, processing thousands of requests per month and saving clients hours of manual work.
- Developed ImoID, a platform enabling users to identify property owners in Portugal by address.

Senior Software Engineer | TravelPerk | Remote | Jan 2024 – Present
- Joined Yokoy, later acquired by TravelPerk.
- Acted as the Yokoy backend engineer responsible for migrating spend management product features, collaborating closely with TravelPerk's team to deliver the internal MVP 2 months ahead of schedule.
- Contributed to the development of scalable backend systems, working across teams to deliver high-quality features that enhance the travel experience for thousands of users.

Tech Lead & Senior Software Engineer | Replai | Porto, Portugal | Apr 2020 – Nov 2023
- Co-developed the MVP for Replai's video intelligence platform in two weeks, later evolving it into the current product.
- Designed the initial architecture that helped secure $8M over two funding rounds and supported the team's growth from 2 to ~20 engineers.
- Worked across frontend, backend, and DevOps (Postgres, React, TypeScript, Node.js, AWS).
- Led a team of 6 engineers, providing technical direction, mentoring, and performance management.

Software Engineer | Feedzai | Porto, Portugal | Aug 2018 – Apr 2020
- Adapted the company's product to meet client needs, facilitating customer success.
- Main activities: Java development, requirements discussion, technical design, technical leadership and DevOps.

Software Engineering Intern | Bosch Car Multimedia | Braga, Portugal | Feb 2018 – Jul 2018
- Worked on my master's thesis under the topic "Thermal imaging for vehicle occupant monitoring".
- Published article "Face Detection in Thermal Images with YOLOv3" in ISVC 2019.

Teaching Assistant | Faculty of Engineering of the University of Porto | Porto, Portugal | 2016 – 2017
- Helped teach multiple courses: Programming; Graphical Applications Laboratory; Computer Graphics.

EDUCATION

Faculty of Engineering of the University of Porto | Porto, Portugal | Sep 2013 – Jul 2018
BSc (3 years) + MSc (2 years) in Informatics and Computing Engineering
Final grade: 18 out of 20
Facultat d'Informàtica de Barcelona | Barcelona, Spain | Sep 2017 – Jan 2018
Erasmus+ exchange programme.

SKILLS

- Databases: PostgreSQL, MongoDB, DynamoDB, Firestore, Oracle, Cassandra, MySQL, PostGIS
- Languages: Typescript, JavaScript, Python, Java, C/C++, HTML, CSS
- Frameworks/Tools: Node.JS, AWS, React, Docker
- Cambridge Certificate in Advanced English (Level C1).

EXTRACURRICULAR

- CEO of a student-run simulated company for a university course, managing 40 students and real clients.
- Scrum master for website & mobile app for non-profit – www.cuidadores.pt
- Competed in EBEC Challenge, BEST SciTech (2nd place), Porto Summer of Code, Google HashCode (4th best in Portugal), Make or Break 2018 (1st place).
- Security researcher; some discoveries documented on gustavosilva.me/blog; presented CVE-2018-13342 at 0xOPOSEC meetup and SINF'2019.