S.R. Stateva

Contact

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in LinkedIn

Soft Skills

- HTML/CSS
- Excel/MSOffice
- JavaScript
- React
- Node.js
- Python (Django)
- SQL
- MongoDB
- AWS

Education

Full-stack development
CareerFoundry, Germany
2023 - 2024

PhD in Biochemistry
UAM, Madrid, Spain
2012 - 2015

Summary

Experienced researcher with a Ph.D. in Biochemistry, currently transitioning into the tech industry. I have a strong background in **analyzing large and complex datasets**, complemented by practical experience in **Python** and **SQL**. Currently enhancing my skills in quality assurance and automated testing through a **QA course at SoftUni**, I am eager to contribute to impactful projects in a collaborative environment while continuing to develop my expertise in this field.

Full-stack developer projects

PEDB App:

- A comprehensive web application developed using **Django**, **Python**, **PostgreSQL**, **HTML**, **CSS**, and **JavaScript**, designed for exploring phosphorylation data in *E. coli*. The app offers:
  - A user-friendly interface for searching phosphoproteins and phosphosites by UniProt codes, gene names, protein names, or peptide sequences.
  - Detailed views of phosphosites, including interactive charts, sequence highlights, and links to relevant scientific studies.
  - Additional features such as user registration, phosphosite data upload, PDF export, and data visualization.

PEDB live app ‹

Vamos App

- A web application developed for a fast-food restaurant, built with **React** and **Vite** to offer an intuitive and engaging user experience.
  - The app features a clean and responsive design optimized for mobile and desktop users. Interactive and easy-to-navigate menu system.

Vamos live app ‹

Work history

PostDoc - Maria Curie IF   **April 2019 to July 2023**
ITQB NOVA University of Lisbon, Portugal

- Led projects investigating post-translational modification control in bacterial reactive nitrogen species defense systems. Employed critical thinking and creativity to analyze complex data, organize experiments, and produce insightful reports.

Senior Expert   **April 2018 to Abril 2019**
Environmental Executive Agency, Ministry of the Environment and Water, Sofia, Bulgaria

- Managed GMO regulatory compliance initiatives during a fixed-term maternity cover position, demonstrating dependability, organization, attention to detail, adeptness in interpreting data and metrics, and effective prioritization skills.