

Sibi Sambasivam

M. Sc. International Software Systems Science

Recent Master's graduate in Computer Science passionate about technology and software development. Eager to leverage a solid academic foundation and hands-on experience. Seeking opportunities to apply my skills and enthusiasm in a challenging role where I can grow and make a significant impact.



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EXPERIENCE (ACADEMIC AND PERSONAL PROJECTS)

Password Checker (2024)

- Implemented a Python script leveraging the "Have I Been Pwned" API to check if a password has been compromised in data breaches.
- Utilized hashlib to compute the SHA-1 hash of passwords and requests module to interact with the API, providing users with feedback on password security status.
- Software and Tools : Python, "Have I Been Pwned" API.*

Web Scraping with BeautifulSoup (2024)

- Scraped and parsed HTML content from the first two pages of "Hacker News" using requests and BeautifulSoup libraries.
- Extracted titles, links, and votes of news articles, filtered out those with less than 100 votes, and displayed the remaining articles sorted by vote count.
- Software and Tools : Python, BeautifulSoup.*

Robofriends (2023)

- Employed ReactJS to build a highly responsive project that seamlessly retrieves data from an API.
- Created a website that facilitates interactive searching, offering users a smooth and efficient experience while exploring and interacting with a diverse array of robots.
- Software and Tools : HTML, CSS, Javascript, ReactJS and Robohash API.*

Background Generator (2023)

- Leveraged the power of JavaScript to craft an engaging project, enabling real-time updates of gradient backgrounds seamlessly across web browsers.
- Ensured that the interactive nature provides a real-time, visually stunning experience for users.
- Software and Tools : HTML, CSS and JavaScript.*

Startup Landing Page (2023)

- Developed a landing page for a fictional YouTube channel with modern HTML & CSS.
- Incorporated the Mailchimp service to collect the emails of potential subscribers interested in the new channel.
- Software and Tools : HTML, CSS and MailChimp.*

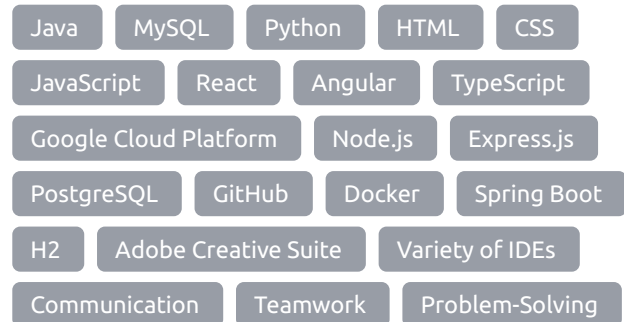
Online Beverage Store using Spring Boot (Academic Project) (2020)

- Created a Beverage store for online retail operations. Developed and deployed a web interface using Thymeleaf and Spring Boot.
- Adopted H2 Database as the data storage solution.
- Software and Tools : Java, Thymeleaf, Spring Boot and H2 Database.*

Electronic Voting System using Google PaaS App Engine (Academic Project) (2020)

- Implemented Java mail functionality to send the voting site link & single-use unique token per student.
- Developed a database for candidate and voter data utilizing the Google Datastore API.
- Software and Tools : Java, Google App Engine Standard Environment and Google Datastore API.*

SKILLS



EDUCATION

M.Sc. International Software Systems Science

Otto-Friedrich Universität Bamberg

10/2019 - 03/2024

Courses

- Main Subjects :** Service-Oriented Architecture and Web Services, Advanced Data Management, Distributed Systems Architecture and Middleware

Bachelor Of Technology in Computer Science and Engineering

Vellore Institute of Technology

08/2014 - 07/2018

Courses

- Main Subjects :** Software Project Management, Software Engineering, Internet and Web Programming, Database Systems

CERTIFICATES

The Complete Python Developer (2024)

Issued by Udemy

The Complete Web Developer (2023)

Issued by Udemy

LANGUAGES

English
Native or Bilingual Proficiency

German
Limited Working Proficiency