Sibi Sambasivam

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PROFILE

Recent Master's graduate in Computer Science with a strong passion for cutting-edge technology and software development. Eager to leverage a solid academic foundation and hands-on experience in coding and problem-solving to contribute effectively in a dynamic team environment. Seeking opportunities to apply my skills and enthusiasm in a challenging role where I can grow and make a significant impact.

SKILLS

Programming: Python, MySQL, HTML, CSS, Bootstrap, JavaScript, TypeScript, Node.js, Express.js, EJS, PostgreSQL and React.

Tools and Technologies: Overleaf, GitHub, Trello, Slack, Gen AI, APIs, Postman, WordPress, IntelliJ IDEA, Sublime Text, and Visual Studio Code.

Graphic Design: Adobe Photoshop, Illustrator, and Premiere Pro.

Methodologies: SCRUM, Microservices

EDUCATION

M.Sc. International Software Systems Science　　　　　　　　　　　　　10/2019 – 03/2024
Otto-Friedrich Universität Bamberg　　　　　　　　　　　　　　　　　　Bamberg, Germany
Main Subjects : Service-Oriented Architecture and Web Services, Advanced Data Management, Machine Learning, Distributed Systems Architecture and Middleware, Applied Data Analytics and Machine Learning

Bachelor Of Technology in Computer Science and Engineering　　　　　08/2014 – 07/2018
Vellore Institute of Technology　　　　　　　　　　　　　　　　　　　　Vellore, India
Main Subjects : Software Project Management, Software Engineering, Internet and Web Programming, Database Systems, Graphics and Multimedia, Agent Based Intelligent Systems, Difference and Differential Equations, Applied Probability, Statistics and Reliability, Linear Algebra and Operations Research

EXPERIENCE (PERSONAL PROJECTS)

Blog Web Application　　　　　　　　　　　　　　　　　　　　　　　　　　　　2024
- Developed a dynamic blog web application using Node.js, Express.js, and EJS. The application allows users to create, view, edit, and delete blog posts. Implemented routing and middleware for handling HTTP requests, and utilized EJS as the templating engine for generating dynamic HTML. Ensured a responsive and user-friendly interface with custom CSS styling.

Software and Tools : Node.js, Express.js, EJS and CSS

Password Checker　　　　　　　　　　　　　　　　　　　　　　　　　　　　　2024
- Developed a Python script utilizing the "Have I Been Pwned" API to enhance password security by checking for compromises in data breaches. Implemented SHA-1 hashing of passwords using the hashlib library and integrated the requests module to interact with the API, effectively providing users with real-time feedback on password security.

Software and Tools : Python, "Have I Been Pwned" API.

Web Scraping with Beautiful Soup　　　　　　　　　　　　　　　　　　　　　　2024
- Utilized requests and Beautiful Soup libraries to scrape and parse HTML content from the first two pages of "Hacker News." Extracted titles, links, and vote counts of news articles, filtered out articles with fewer than 100 votes, and displayed the top articles sorted by vote count.

Software and Tools : Python, Beautiful Soup.

Robofriends
2023
- Developed a highly responsive application using ReactJS to retrieve and display data from an API. Implemented interactive searching features, ensuring a smooth and efficient user experience for exploring and interacting with a diverse array of robots.

Software and Tools : HTML, CSS, Javascript, ReactJS and Robohash API.

Background Generator
2023
- Harnessed JavaScript to develop an interactive project providing real-time updates of gradient backgrounds across web browsers, ensuring a seamless and visually stunning user experience.

Software and Tools : HTML, CSS and JavaScript.

Startup Landing Page
2023
- Created a landing page for a fictional YouTube channel using modern HTML and CSS. Integrated Mailchimp to collect emails from potential subscribers, enhancing audience engagement and channel promotion.

Software and Tools : HTML, CSS and MailChimp.

SOFT SKILLS

Adaptability, Communication, Interpersonal, Team Collaboration, Creativity, Time Management.

LANGUAGES

English　●　●　●　●　●　　**German**　●　●　○　○　○
(Actively learning)