Sowmithiran S

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Summary

Motivated and Enthusiastic Sofware Engineering Graduate with a Strong foundation in Python and SQL. Completed a comprehensive Python programming course, gaining profciency in Python syntax, data structures, and object-oriented programming. Skilled in writing clean, efcient code and solving complex problems. Solid experience with SQL for database management and querying. Excellent problem-solving abilities, communication skills, and a team-oriented mindset. Eager to apply technical knowledge and skills in a dynamic, growth oriented environment. Committed to continuous learning and professional development to contribute efectively to innovative projects and organizational success.

Education Qualification

SRM Institute of Science and Technonlogy   Sep 2021 – Present
B.Tech · Computer Science · Chennai   8.81

Notre Dame of Holy Cross   Jun 2020 – May 2021
12th · CBSE · Salem   81%

Notre Dame of Holy Cross   Jun 2018 – May 2019
10th · CBSE · Salem   73%

Skills

Python, MySQL, HTML, C Programming, Figma, Excel, Power BI, Problem Solving, Decision Making, Report Generation – Documentation

Languages

English [Professional Working Proficiency], Tamil [Native Proficiency]

Internships

Shiash Info Solutions Private Limited   Aug 2023 – Oct 2023
Full Stack Developer – Python Intern · Developer · Part Time   Chennai
As a Full Stack Python Intern at Shiash Info Tech from August to October, I gained valuable experience across various aspects of web development. I developed and honed my skills in database management, focusing on efficient data storage and retrieval processes. My role involved designing and implementing user interfaces (UI), where I emphasized creating intuitive and responsive designs to enhance user experience. I also became proficient in version control, utilizing tools such as Git to manage code changes and collaborate effectively with team members. This internship significantly strengthened my problem-solving abilities, as I tackled technical challenges and optimized application performance. Additionally, I contributed to team projects through effective communication and collaboration, playing a key role in the successful delivery of web development solutions. This hands-on experience not only deepened my technical knowledge but also improved my ability to work effectively in a team environment.

Salesforce   Nov 2023 – Jan 2024
Salesforce Developer Intern by AICTE · Developer · Part Time   Virtual
Throughout my Salesforce development internship, I immersed myself in cloud solutions, acquiring hands-on experience in Apex coding, Visualforce pages, and Lightning components. Engaging with live projects furthered my proficiency in tailoring and refining Salesforce to meet diverse business needs. Direct involvement in data modeling and workflow automation sharpened my ability to troubleshoot and solve problems effectively. Additionally, I collaborated with cross-functional teams, optimizing system performance and enhancing user experience, which contributed to the successful delivery of impactful solutions.

Zscalar   Apr 2024 – Jun 2024

Zero Trust Cloud Security Intern By AICTE · Developer · Part Time   Virtual

Completed an internship on Zero Trust Cloud Security with AICTE, where I gained practical experience in implementing security measures for cloud environments. Developed skills in risk assessment, access control, and threat management, enhancing my understanding of modern cybersecurity practices and their application in safeguarding cloud infrastructures.

Projects

Air Quality Analysis | Link   Jun 2023 –

SRM University · Python   AIML

Monitoring and preserving air quality is vital in industrial and urban areas. Pollution from transportation, electricity, and fuels harms air quality. Harmful gases threaten smart city life. Efficient air quality monitoring is crucial for gathering pollutant data. Big data and machine learning aid in forecasting air quality, addressing challenges and future research needs.

Portfolio   – Present

Myself · HTML   Web Development

Visit my portfolio to explore projects showcasing my skills in Web Development. Each project demonstrates my dedication to creating functional and visually appealing solutions

Event Management   Jan 2023 – May 2023

SRM University   Web Development

Built a web-based Event Management System to simplify organizing and planning events. Created an easy-to-use interface for setting up and managing events, using HTML, CSS, and JavaScript for the front end. Used Node.js and MongoDB for handling data on the back end. Added features like event scheduling, attendee sign-up, and real-time updates to improve user experience and efficiency. This project showcased my skills in developing web applications and managing data effectively.

Certifications

Guvi   –

Google for Education Partner

Completed a Python programming course at Guvi, learning Python syntax, data structures, and object-oriented programming. Gained skills in writing clean, efficient code and solving problems. Enhanced practical experience and proficiency in Python through hands-on practice.

IBM Developer Skills Network | Link   Mar 2024 –

Cognitive Class

Completed "SQL and Relational Databases 101," gaining a solid foundation in SQL and relational database principles. Learned basic SQL syntax, data manipulation (insert, update, delete, retrieve), database design, joins, subqueries, and data integrity. Enhanced skills in indexing, optimization, and ensuring data accuracy. Engaged in practical exercises for hands-on experience with real-world database scenarios and problem-solving.

NPTEL | Link   Apr 2024 –

Indian Institute of Technology Kharagpur · NPTEL24CS17S353500898

I have successfully completed my cloud computing course through NPTEL. I learned about cloud computing from IIT and IISc faculty members and achieved an elite certification in this course.

Fundamentals of Cybersecurity | Link   May 2024 – Present

Zscalar Academy · m52d9uhcme8s

Completed the "Fundamentals of Cybersecurity" course at Zscaler Academy, gaining a solid foundation in cybersecurity principles and practices. Acquired skills in threat identification, risk management, and security protocols, with a focus on cloud security and modern protection strategies. Developed a comprehensive understanding of best practices for safeguarding digital assets and ensuring secure network environments.

Salesforce Developer | <u>Link</u>   Feb 2024 –
AICTE
Interned as a Salesforce Developer at Salesforce from November 2023 to January 2023. Customized and configured Salesforce applications, developed using Apex, Visualforce, and Lightning components. Managed data models, workflows, and process automation. Collaborated with senior developers on solution design, performed data analysis, and ensured data integrity. Participated in code reviews and created technical documentation. Enhanced problem-solving skills and gained proficiency in Salesforce development tools.

Seminars & Workshops

GO Language and RUST Workshop   Aug 2023
Nasdaq · bangalore
Acquired knowledge in the Go programming language and Rust, expanding my skills beyond Python. Developed expertise in concurrent programming and efficient system-level coding with Go, and gained some knowledge in Rust's memory safety and performance-oriented design, broadening my ability to tackle diverse programming challenges in modern software development.

Blockchain Explorer   Mar 2024
Bharat Blockchain Yatra · Chennai
I have learned about blockchain technology, its applications, and practical usage. I gained valuable insights into its implementation and potential applications across various industries. The learning experience was enriching and has equipped me with a solid understanding of blockchain's capabilities and versatility.

Business Intelligence using Power BI   Jan 2024
Skill Nation
I have a completion certificate in Business Intelligence using Power BI, showcasing my skills in utilizing its platform. This certification enabled me to gain practical knowledge in data visualization, analytics, and dashboard creation, empowering me to effectively analyze and present data for informed decision-making.

Volunteering

Cybernaut   Jan 2022 – Dec 2022
HR
As an HR Intern, conducted interviews for multiple roles, ensuring an effective selection process. Maintained accurate attendance records using Excel sheets and monitored employee performance and engagement. Provided support and feedback to employees to enhance productivity and satisfaction.

Achievements

Genius World Record   Jun 2017
Longest Hand Painting · Elite World Records