SHRIVATHSANAN.

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SHRIVATHSANAN

I'M A SOFTWARE DEVELOPMENT AND WEB DEVELOPMENT ENTHUSIAST

Enthusiastic Software Developer skilled in Java, SQL/PLSQL, and Web Development (HTML, CSS, JavaScript). Strong foundation in Data Structures & Algorithms with hands-on experience in application development and database design.

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ABOUTME

Hello, I'm Shrivathsanan . I have always been fascinated by software applications, especially in app and web development. From a young age, I was curious about how applications work from a developer's perspective, which led me to pursue a Bachelor of Engineering in Computer Science and Engineering. I recently graduated with a CGPA of 8.4. During my studies, I completed an internship at L&T Construction under the Digital Department, where I developed an Employee Registration Website using HTML, CSS, and JavaScript. I also had the opportunity to work with over 7,000 records of real-time data, where I refined the data, wrote SQL queries to extract insights, and created interactive dashboards using Power BI.

To keep improving my skills, I have completed several online courses and certifications, such as "What is IoT" from Great Learning, "HTML, CSS, and JavaScript for Web Developers" from Coursera, and certifications in Data Science and Data Analytics Essentials from Cisco. I also earned the AWS Cloud Practitioner Essentials certification and attended workshops on UI/UX design and Cybersecurity. I have hands-on experience and practical knowledge in Java, HTML, CSS, JavaScript, SQL, Excel, and UI/UX design. With these skills, I have worked on various projects including a Registration Website, an E-commerce Website, a Personal Portfolio, a Data Dashboard using Excel, and UI designs for a shopping site and an email marketing campaign using Figma. I'm passionate about learning and excited to take on new challenges in software development.

SKILLS

- Programming Languages: Java, C
- Web Development: HTML, CSS, JavaScript
- Frameworks & Tools: JDBC, Git, Eclipse, IntelliJ IDEA, Figma,
- Databases: MySQL, SQL/PLSQL
- Data Structures & Algorithms: Sorting (Quick Sort, Merge Sort, Bubble Sort), Searching (Binary & Linear Search), Recursion, Time Complexity Analysis
- Cloud & Certifications: AWS Cloud Practitioner Essentials, Cisco Data Science, Cisco Data Analytics
- Other Tools: Excel (Dashboards, KPI Analysis), UI/UX Design (Wireframes, Prototypes).

EDUCATION

2017-2018 R.G.MATRIC HIGHER SECONDARY SCHOOL[Secondary School Leaving Certificate-88%]
2019-2020 R.G.MATRIC HIGHER SECONDARY SCHOOL[Higher Secondary School Certificate-73%]
2020-2024 DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY
[Bachelor of Engineering – Computer Science Engineering-8.402]

INTERNSHIP

Eagle-Hitech Softclou Private Limited — Java Development Intern

Jan 2025 – Jul 2025

- Completed 8-month Core Java training program focusing on OOP, Collections, Exception Handling, JDBC, and Multithreading.
- Built mini projects including a Library Management System using Java and JDBC to manage books, member data, and transactions.
- Applied real-time coding practices with Eclipse/IntelliJ, MySQL, Git in a collaborative Agile environment.
- Strengthened debugging and code optimization skills, reducing error rate by 30%.

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Larsen & Toubro Construction — Data Analytics Intern

Jun 2022 – Jul 2022

- Designed and executed SQL queries to extract KPIs and business metrics from large datasets.
- Built Excel dashboards that improved reporting speed and decision-making by 30%.
- Optimized data retrieval pipelines, reducing analysis time by 25%.
- Developed a registration website (HTML, CSS, JavaScript) to streamline data collection and improve user engagement.

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MY WORK

Bank Withdrawal & Balance System (Java Mini Project)
Built a console-based Java application to manage withdrawals and display balances.
Enhanced transaction validation, reducing runtime errors by 35%.

- Library Management System (Java + MySQL Project)

Developed a desktop application using Java Swing, JDBC, and MySQL for managing books and member records.
Currently enhancing with Spring Boot (learning phase) to gain experience in backend development.

- E-commerce Website (HTML, CSS, JavaScript)

Designed a responsive shopping platform with product listings, shopping cart, and checkout flow.
Improved load time by 15% and reduced bounce rate by 20% in testing.

- Data Analytics Project (SQL + Excel Dashboards)

Executed SQL queries to analyze KPIs and business metrics.
Built dashboards that reduced reporting time by 30% and supported faster decisions.

- Portfolio Website (HTML, CSS, JavaScript)

Designed a personal portfolio site showcasing projects and technical skills.
Achieved 100+ monthly visits, improving recruiter engagement.

- UI for Shopping Site (Figma)

Created a modern UI prototype with intuitive navigation.
Usability testing showed 25% faster task completion