

Shyam Sainarayanan Varadharajan

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EDUCATION

3rd Year Student	B.E Computer Science and Engineering	
2024 - present	SSN College of Engineering	(CGPA: 9.101/10)
2022	High School (12th Grade) at HLC International	(mark: 97.25%)
2020	Middle School (10th Grade) at HLC International	(mark: 90.67%)

WORK EXPERIENCE

Software Developer Intern, Neur Industries Jun 2024

- Designed the company's portfolio website with interactive scrollable features and colourful elements
- Remodelled the website of a client called KCLASS REALITY based on a Figma design. Used React js and CSS for the front end. Developed unique features such as dynamic theme change, and language switching between English, Spanish, and Arabic. Accounted for the right-to-left nature of the Arabic language to dynamically change layout
- Gained valuable hands-on experience with web development and testing in a dynamic and collaborative environment

PROJECTS

Supply Chain Management

[View Video](#)

Created a fullstack application with 3 entities - admin, client, delivery partner. The admin entity provides a 'factory-in-box' view of all warehouses in a single page. It also provides various performance metrics for the overall manufacturing process.

Portfolio of Neur XR Studios

[Link to Demo](#)

Coded from scratch entirely in Reactjs, using a Figma design reference. Added various scrolling animations to make the site interactive.

Elite Footwear

[Link to Demo](#)

Developed a full stack online shoe shopping website using the MERN stack. Employed responsive design principles to dynamically change the website layout for laptops, chrome books, tablets and smartphones respectively.

AlgoTracker

[Link to Demo](#)

Developed a quirky yet useful web application to visualize the concept of backtracking learnt at college. Users can create a Sudoku board through the interface and once the solve is triggered, a visually stunning animation dynamically shows the solving of the Sudoku using backtracking. Developed using the MERN stack.

Full Stack Blog Site

<https://github.com/shemzegem200/Blog-Site>

Developed a visually stunning blog website using the MERN stack. Users can create edit and delete posts. They can also view posts posted by other people.

SKILLS

- **Languages:** Python, Java, C, Oracle SQL, HTML, CSS, JavaScript, Visual Basic, Prolog
- **Frameworks:** React, Express, Kivy/KivyMD, TKinter

- **Databases:** Oracle, MongoDB

ACHIEVEMENTS

- **First Year Gold Medalist** in the department of Computer Science and Engineering
Received Merit Scholarship for CGPA 9.195
- **Qualified for Top 10** in Regional inter college IEEE Envision Hackathon
- **Solved over 300** questions in Leetcode, and participated in the Biweekly contests
- **12th Grade School Topper**

CERTIFICATIONS

- [Microsoft Certified Azure Fundamentals \(AZ 900\)](#)
- [Oracle Certified Associate \(OCA\) Java SE 8 Programmer](#)
Cleared Oracle OCA 1z0-808 exam with a score of 98%
- [PCAP™ – Certified Associate Python3 Programmer](#)
Cleared PCAP-31-03 exam with a score of 97%
- [Python Essentials](#), Cisco Networking Academy
- [Advanced SQL Programmer](#), HackerRank