
HARI HARA SUDHAN SHANMUGAM

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Professional Summary:

Skilled Web Developer with a zest for a challenging work environment with a high degree of responsibility and learning. I would like to associate with an organization, which gives me an opportunity to improve my knowledge, enrich my skills in the latest technologies, and be a part of the team that works toward the growth of the organization as well as ensure my personal growth.

Experience Summary:

❖ Software Engineer in MI9 Retail, Toronto, Canada (June 2022 – Present)

- Designing new features and providing enhancement for the existing features in Point of Sale(POS).
- Responsible for Analysis of various products and custom enhancement requirements.
- Providing system and application support, and troubleshooting issues.
- Acquiring greater knowledge about the retail and wholesale environment.
- Working on improving the systems, application, and infrastructure, system and application fine-tuning.
- Experienced in working with Back Office databases using progress scripts. Gained experience in debugging and writing PostgreSQL/SQL code and excellent understanding of relational databases.
- Conducted peer reviews and collaborate with other software engineers, product owners, quality engineers, and support engineers.

❖ **Associate Software Engineer in Accenture Solutions Private Limited, Bengaluru, India**
(May 2020 – June 2021)

- 10 months of experience and excellent understanding of AEM (CQ) development.
- Underwent three months of pre-onboard training. I had deep technical expertise in web development technologies including Java, Spring MVC, HTML, CSS, JavaScript, JQuery, JSON, XML & web frameworks.
- Acquired greater knowledge in website development technologies and frameworks.
- Analysed user requirements and provided robust solutions to the bugs and issues reported by clients on the web pages.
- Designed, developed and supported AEM components, integrations and applications. Created custom OSGi configurations.
- Designed and built custom components, templates, dialogs, and workflows in AEM.
- Experienced in all the SDLC(Software Development Life Cycle) phases.
- Worked together with the team of 12 in an agile, rapid development environment. Maintained full automated CI/CD pipeline for code deployment using Azure Devops.
- Collaborated with onsite/offshore development resources and ensured superior software quality.
- Provided status updates and progress of projects to the Technology Managers.

❖ **Intern in Visteon Technical Services Centre, Chennai, India**
(June 2018)

- Gained more profound knowledge of unified diagnostic services (UDS), an automotive diagnostic communication protocol.
- Analysed all the services in UDS and designed the entire source code of UDS using a UML diagram and developed the entire functionality in C++.
- Gained basic knowledge about Electronic control units (ECU) used in the automotive domain.
- Achieved greater exposure in the automotive industry.
- Hands-on experience in MinGW compilers. Gathered knowledge about the OSI model and ISO Standards.
- Acquired a basic understanding of buffer, timer and multiple data layers.
- Reported daily status updates and actively participated in team reviews.

Education:

❖ Academics:

- **B.E Electronics and Communication Engineering** – First Class from SRM Easwari Engineering College, Anna University, Chennai, India.
(2016-2020)
CGPA – 7.85
- **M.Eng Electrical and Computer Engineering** – University of Windsor, Canada.
(2021-2022)
CGPA – 9.1 [Till Third Term]

Technology competencies:

- **Programming Languages**
Proficient in C, C++, Java, JavaScript, SQL, CSS and HTML. Basics in React framework, NodeJS, jQuery, Python and XML.
- **Web Development tools**
Figma, WIX, Google sites, Chrome Dev Tools, and MySQL.
- **Development Environment**
Eclipse IDE, IntelliJ IDEA and Visual studio(2012 & 2022). Compilers like minGW.
- **Version Controlling System**
Git, Source Tree.
- **Operating System**
Windows.
- **Content management suites**
Adobe Experience Manager (AEM)
- **Design and Simulation Environment**
Basics in MATLAB, PSpice and CST Studio Suite.
- **App Development Tools**
Basics in Flutter, Android Studio.

Web Development Projects

- **Weather Application** - Designed and built the entire website using **CSS, HTML and JavaScript**. The OpenWeatherMap API is integrated in this website to obtain the real time weather data all over the world. This website uses the current location, local time and displays the weather animate the screen based on the local time.
Site Address: https://sudhan0108.github.io/Weather_Project/

- **Foodopies** – There are lot of mobile apps for recipes search which consumes a lot of storage and tracking of personal data. This website provides flexibility to users to search top rated and variety of recipes from cloud. This website is build using **React libraries** and **Spoonacular API** is used to render the food recipes.
Site Address: <https://sudhan0108.github.io/foodopies/>

Other projects done

- **Final year project - "VIDEO TRANSMISSION THROUGH UNDERWATER WIRELESS OPTICAL COMMUNICATION USING LED"**. The project includes the performance analysis of different LEDs (Green and White).
- **Mini Project - "SMARTPHONE-CONTROLLED ROBOT USING BLUETOOTH"**. The theme of the project is to help physically challenged people. The prototype was demonstrated using an Arduino kit.

Soft Skills

Hardworking, creative, quick learner, organized, excellent problem-solving skills, ability to work under pressure and able to perform well as a team player.

Personal Details

Date of Birth: August 1, 1999

Gender: Male

Nationality: Indian

Languages known: Tamil, English