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 as mentioned by the customer.
  - 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.
  - Works on improving the systems, application, and infrastructure, system and application fine-tuning.

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

  - Underwent three months of pre-onboard training. I had deep technical expertise in web development technologies including JavaScript, HTML, CSS, XML and jQuery.
  - Acquired knowledge in website development as a back-end and front-end developer.
  - Analyzed user requirements and provided robust solutions to the bugs and issues reported by clients on the web pages.
  - 10 months of experience and excellent understanding of AEM (CQ) development.
  - Experience in SDLC(Software Development Life Cycle) Development practices.
  - Worked together with the team in an agile, rapid development environment.

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

- Worked in Electronic control units in the automotive domain.

- Gained more profound knowledge of unified diagnostic services (UDS), an automotive diagnostic communication protocol.

- Analyzed the services in UDS and developed the entire functionality in C++.

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 Second Term]

- **12th standard** passed from Tamil Nadu State Board 2016 – **92.33%**

- **10th standard** passed from Tamil Nadu matriculation 2014 – **97.40%**

Technology competencies:

- **Programming Languages**
  Proficient in C, C++, Java, JavaScript and HTML. Basics in CSS, jQuery, Python and XML.

- **Development Environment**
  Eclipse IDE, IntelliJ IDEA and Visual C++. 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.

- **Prototyping Platforms**
  Raspberry Pi, Arduino.

Detailed Project Profile:

Period: November 2020 to June 2021

Role: Associate Software Engineer (AEM Developer)

Responsibilities:

- Deep technical expertise in web development technologies including Java Spring MVC HTML, CSS, JavaScript, JQuery, JSON, XML & web frameworks.
- Worked together in an agile, rapid development and prototyping environment using the Azure DevOps platform.
- Analyzing and finding the fix and solutions for the bugs reported on our client web pages.
- Served as a part of an off-shore development team that provides new services, enhancements, features etc. for the client website.
- Design, develop and support AEM components, integrations and applications.
- Designed and built custom components, templates, dialogs, and workflows in AEM.
- Created custom OSGi configurations.
- Provided status updates and progress of projects to the Technology Managers.
- Developed and maintained effective working relationships with both off-shore and on-shore team members from Costa Rica.
- Worked as a single point of contact for the development team off-shore.

Period: June 2018

Role: Software Intern (Visteon technical services centre)

Responsibilities:

- Gained basic knowledge about Electronic control units (ECU) used in the automotive domain.
- Gained greater exposure in the automotive industry.
- Hands-on experience in MinGW compilers.
- Gathered knowledge about the OSI model and some ISO Standards.

- Designed the entire source code of UDS using a UML diagram and developed all the functionalities in C++.

- Acquired a basic understanding of buffer, timer and multiple data layers.

- Reported daily status updates and actively participated in team reviews.

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.

Workshops

- Attended workshop on **"Introduction to Android app development"** conducted at Easwari Engineering College.
- Attended workshop on **"Arduino and its application"** conducted at Easwari Engineering College.
- Attended a "Raspberry Pi and IOT" workshop at Easwari Engineering College.
- Attended workshop on **"Antenna designing using CST"** conducted at Easwari Engineering College.

Extracurricular activities

An active member of the National Social Service (NSS) of SRM Easwari Engineering College. Participated twice in special camps conducted during 2018 and 2019. Organized many medical camps and awareness programmes.

Personal Details

Date of Birth: August 1, 1999

Gender: Male

Nationality: Indian

Languages known: Tamil, English