DARSHAN S

Mail id   LinkedIn   GitHub

CAREER OBJECTIVE

To enhance and implement my Educational, Professional, and Technical skills in a dynamic and challenging workplace that offers a positive atmosphere to learn, implement and give my whole efforts for the betterment of the organization.

ACADEMIC CREDENTIALS

- Bachelor of Engineering, B.E (ECE), 8.51 CGPA, 2018-22
- Pre-University, 90%
- SSLC. 83.2%

PROGRAMMING LANGUAGE

1. **HTML**   ●●●●○

   I have built basic websites such as - **Personal portfolio, Resume** – using tables with **INLINE styling**

2. **CSS**   ●●●●○

   I have built **Responsive Websites** such as

   - **Design agency** and **Pricing table** template using **Flex box** and **Media-query**.
   - **Mondrian compositions** using **Grid** and **Media-query**.
   - **Pack-N-Shift**, a packing mover company website using **Bootstrap**.
   - **TinDog**, Tinder for dog's start-up company website using **Bootstrap**.
   - **Personal portfolio** website.

3. **JAVASCRIPT**   ●●●○○

   - Variables, Constructors, Arrays, **IIFEs**, **DOM**, **AJAX** and **JQUERY**.
   - Built websites such as **Simple Calculator**, **BMI Calculator**.

4. **C Programming**   ●●●●○

   - I have worked on developing source code for projects such as - **Multiplex Ticketing system, Nursery Inventory management system.**
   - I have worked on developing source code for 60+ problem statements within 25 days.

OPERATING SYSTEM

1. **Microsoft**

   - I have an intermediate level of experience to work with CMD and comfortable with commands.
   - I have well-versed knowledge of Microsoft suites – MS Word, MS PowerPoint, and MS Excel.

2. **Linux**

   - I have an intermediate level of experience in Linux OS, and the commands.
   - I have experience in writing basic Shell Scripts and Makefile.
   - Building custom Linux kernel and real-time kernel.

EXPERIENCE

SASKEN TECHNOLOGIES LIMITED   *August 2022 to March 2023*

- **System Programming -** system calls (Signal handling), standard input output, process management, filesystem, memory management, threads, synchronization, timers and time management, and Interprocess Communication (PIPES, FIFO, SOCKET).
- **Kernel Internals –** Computer architecture, memory layout and mapping, debug levels, task structure, jiffies, slab memory, and others.
- **Device Drivers -** Device drivers, adding a custom driver to the device tree, removing an existing driver, compiling the custom driver, and inserting the custom driver into the hardware, Linux, and Android 12-13.
- **Kernel Debugging -** with static and dynamic debugging tools some of which are ftrace, strace, trccmd, KASAN, and many others.

SOFT SKILLS

- Problem-Solving
- Logical and Reasoning
- Communication
- Team building

ACHIEVEMENTS

- I have won the Best outgoing student Award in 2016 from my school for my achievements in Academics, Sports, and Cultural activities which enabled me to showcase my Leadership, Creativity, Cultural Skills, Attitude, and Communication skill.
- I received the Champion trophy for the Sports and Cultural sections in High School which showcases my all-round performance ability.
- I also practice Dancing and choreography as a hobby.

Date: Place: Bengaluru

(Darshan S)