

Parmvir Singh

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EXPERIENCE

Embedded Systems Engineer

Aug 2020 - Present

Network Sound | Sacramento, CA

- Assisted in designing and implementing software of embedded systems for the professional and consumer audio market using esp32 microcontroller.
- Collaborated in developing and launching a web application for audio products for user-friendly operations.
- Developed a GUI using windows API in C++ to make test runs on development boards easier and sufficient.
- Knowledge in handling application development life and software development.

Prime Now Associate

Dec 2017 – Feb 2020

Amazon | Sacramento, CA

- Worked in a super-fast paced environment to meet daily goals.
- Provided services efficiently with high level of accuracy.
- Problem solved minor technical difficulties.

Cashier

Aug 2015 – Dec 2017

Mountain Mikes Pizza | Elk Grove, CA

- Engaged with customers warmly and provided immediate and dedicated assistance.
- Assisted customers with prompt and polite support in-person and via telephone.

PROJECTS

Autonomous Hydroponics Greenhouse

- Designed, developed, evaluated, and managed an autonomous plant growing system using hydroponics with a 4-member team.
- Implemented various sensors using Raspberry-Pi to execute essential functions and remotely transfer collected data such as temperature, humidity, and pH into a database.
- Managed complex hardware, software, and network problems to accurately resolve issues, and prepare reports summarizing and analyzing the issues for documentation.

Analog Clock

- Created an analog clock to tell the current time.
- Designed the clock using HTML, CSS, and JavaScript.

EDUCATION

California State University, CA | Bachelor of Science in Computer Engineering

May 2020

- GPA: 3.5/4.0
- *President*, Sacramento Sikh Society.
- *Member*, Society of Women Engineers.
- *Volunteer*, Expanding Your Horizons; United Sikh Movement

SKILLS

C/C++ | JavaScript | HTML | CSS | Java | Ruby | Python | SQL | Linux/Unix | TCP/IP | Windows | Database | Raspberry Pi | Critical thinking | Problem Solving | Team-oriented | Detail-oriented | Adaptive Learner | Communication and Collaboration Skills |