HARSHIT RAWAL

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PROFILE SUMMARY

- A result-oriented professional with 7.5 years of experience in service and product delivery with client relationship management in design services deliverables of Electronics, Embedded and IoT domains.
- Skilled in providing leadership, direction, strategy, and vision in the areas of technology/ Service based projects and product to facilitate and enable growth & business agility.

EXPERIENCE

1. System Level Solutions (India) Pvt Ltd, Anand, Gujarat | Aug 2019 – Current

Position: Product Owner
Roles:
- Conducting daily scrum with team members
- Provide direction to team during project life cycle as Agile product Owner
- Ensure that every team member has pre-defined task during sprint
- Translating product roadmap into manageable product backlog and prepare the user stories.
- Prioritize product backlog and supports the release and sprint planning exercise.
- Closely work with project management team to track product feature backlogs during sprint.
- Set and prioritize backlogs as per the business needs.
- Actively participate to mitigate issue faced during sprint to achieve release milestone.
- Plan with all stakeholders for product release.
- Conduct market research for preparing product roadmap and work with marketing and sales team for making strategy.

Product Ownership:
Smart Home Automation
- **Definition:** IoT and cloud-based technology provides simple, affordable, and engaging solutions for customers of Home Automation. This ecosystem integrates multiple devices/sensors into a network and thus provides end-to-end security to the enterprises.
- **Team Members:** 12
- **Status:** Product Launch in market

LoRa Concentrator Board
- **Definition:** Based on LoRa Technology, this hardware product provides complete support of communication between nodes and Linux host platform with additional feature of GPS.
- **Team Members:** 6
- **Status:** Product Launch in market

EV (Electric Vehicle) Charger with Controller
- **Definition:** Control Application with commands to provide flexibility offer for controlling EV charging.
- **Team Members:** 5
- **Status:** Ongoing

2. Aimtron Electronics Pvt Ltd, Vadodara, Gujarat | March 2016 – Aug2019

Position: Project Engineer
Roles:
- Providing overall leadership to the entire technical project team including managing deliverables of functional team leaders in an effective manner.
- Communicating with clients (USA, Australia and India) to determine specific requirements and expectations, managing client expectations as an indicator of quality.
- Creating and managing the estimates, project plan, project schedule, resource allocation to ensure that targets were reached.
- Track technical project milestones and deliverables.
- Effectively communicate technical project expectations to team members and stakeholders in a timely and clear fashion.
- Completes the Hiring Request for external candidates.

Project Portfolios:
Pinball Game
- **Definition:** Based on Pinball gaming features, Control different LEDs using PWM and sense vibration effect in Windows Application.
- **Team Members:** 7
- **Status:** Managed to deliver products to Australian Client

Pressure Switch
- **Definition:** Set and monitor pressure level of switch and then control load
- **Team Members:** 4
- **Status:** Managed to deliver products to Indian Client

QA Engineer Roles:
- Able to create test plan, test cases and test report generation to check and verify PCBA/product functionality as per the Scope of Work.
- Performing and generating QA reports of Hardware-PCBA manufacturing package based on predefined checklist, which includes review of Bill of Material (BOM), PCB-Schematic, PCBA Assembly and Fabrication Details, Gerber files review for DFM.

3. Global Tech (I) Pvt Ltd. Ahmedabad, Gujarat | Sept-2014 to March-2016

Position: Embedded Design Engineer
Roles:
- Effectively use tool such as KEIL for Cy7C68013A USB - microcontroller to design, implement and debug firmware in Embedded C language.
- Gathering and detailing requirements for an application development.
- Windows Application development for CNC Router machine in C# and vb6.0
- Implementation and functional testing of Windows Application at customer site.

TECHNICAL SKILLS

- **Programming Languages:**   C, Embedded C, Python (Basic)
- **Development Environment:**   KEIL, Python-IDLE, ATMEL Studio, Visual Studio 15.0
- **Hardware Interaction:**   Raspberry Pi 3 Model B, Arduino Boards
- **Embedded Protocol:**   UART, I2C, SPI
- **IoT product Technologies:**   Zigbee, LoRa, MQTT
- **Project Management Tool:**   Tuleap

CERTIFICATION

- **Foundation of Project Management**
  Coursera
  Issued Jun 2021 – No Expiration Date

ACADEMIC CREDENTIALS

- **College:** V.V.P. Engineering College, Gujarat Technological University (GTU), Gujarat.
- **Education:** B.E. Electronics & Communication | June 2013
- **CGPA:** 8.51 / 10
- **Percentage:** 80.10%

PERSONAL INFORMATION

- **Address**: E502, New Aarya's Residency, New Alkapuri, Gotri- Sevasi Road, Vadodara-390021, Gujarat
- **Marital Status**: Married
- **Date of Birth:** 16 March 1992
- **Language**: English, Hindi, Gujarati
- **Hobbies**: Photography, Travelling, listening to music, Playing Cricket and Badminton

PHILOSOPHY

"Lead Without Title"

DECLARATION

I hereby declare that the above written are true and correct to the best of my knowledge and belief.

Date: (HARSHIT RAWAL)