VEDANSHEE PATEL

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SKILLS & TOOLS

· Java, C++, Python, HTML, CSS, JavaScript, React-Native, Git, Linux, Networking, Jira, Confluence, Excel, Docker, MATLAB

EXPERIENCE

PROJECT MANAGEMENT INTERN | ABI LTD   SEPT 2024 – DEC 2024

· Developed and executed comprehensive **test plans** to validate the quality of custom **electromechanical systems**, ensure alignment with client specifications, and implement engineering improvements.
· Prepared project and company documentation including **Functional Design Specification** reports (FDS), **process maps**, **Standard Operating procedures** (SOPs) and **meeting minutes** for client and team alignment.
· Implemented **data visualizations** to track project team **KPIs** and enhanced transparency on project progress.
· Coordinated **cross-functional collaboration** in equipment setup, **resource allocation**, and **logistics** for client visits and shipments, ensuring timely and seamless project delivery.

NETWORK OPERATIONS CENTER INTERN | BLACKBERRY   JAN 2024 – APR 2024

· Actively monitored the BlackBerry infrastructure to promptly **resolve incidents** within agreed Service Level Agreements using NOC tools.
· Performed scheduled changes such as **AWS** retirements, **Kafka** updates via **Windows/Linux-based servers.**
· Effectively **escalated urgent incidents** and collaborated with appropriate teams for **prompt resolution.**
· Documented incidents, analyzed root causes, and maintained comprehensive **runbooks** to prevent reoccurrence.

IOT NETWORK ADMINISTRATOR | ELEVEN - X   MAY 2023 – AUG 2023

· Conducted weekly **IoT network monitoring** to identify, report and swiftly resolve connectivity issues.
· Employed **debugging** techniques to resolve **LoRaWAN** gateway issues and minimize gateway downtime.
· Utilized **Python** scripts within a **Linux** environment to **configure** and **update** gateways, resulting in smoother deployments and optimized performance.
· Participated in security audits of company infrastructure and prepared concise reports summarizing findings.

QA DEVELOPER | POLARIS INTELLIGENCE INC   SEPT 2022 – DEC 2022

· Investigated and resolved various UI bugs using **HTML**, **CSS**, and **JavaScript** to improve client experience.
· Improved web app design using **HTML** and **CSS.**
· Created and updated new sprint task and bug report tickets efficiently through **Jira.**
· Oversaw daily **validation** of web app modules and new feature implementations.
· Led and participated in weekly **code reviews** to leverage best coding practices and team communication.

SOFTWARE QA ANALYST | SONOVA   JAN 2022 – APR 2022

· Conducted over **80 manual** regression and new product tests of hearing aid software with a **high degree of accuracy** as part of the verification process sub-team.
· Identified, documented and reported software bugs with strong attention to detail through **Polarion Software.**
· Updated **Confluence** pages of team workflow documents and improved onboarding pages for future hires.

PROJECTS

CYCLE QUEST | 1ST PLACE AT TECHNOVA HACKATHON & VELOCITY PITCH CONTEST SEMI-FINALIST   SEPT 2023

· An interactive game that aims to promote learning and breaking stigma around menstruation in an engaging way.
· Developed and designed using **Pygame** and **Figma**, and created a **web prototype** with **HTML**, **CSS**, and **JavaScript**

PROJECTIFY | 2ND PLACE WIE HACKATHON WINNER   NOV 2022

· An **Android** and **iOS app** that allows high school girls to post and collaborate on side projects to build their STEM portfolio.
· Designed and developed this app using **Figma**, **React-Native**, **JavaScript** and **AWS-Amplify** Studio.

EDUCATION

BASC IN SYSTEMS DESIGN ENGINEERING | UNIVERSITY OF WATERLOO   SEPT 2021 – APRIL 2026

· Data Structures & Algorithms, Digital Systems, Human Factors Design, Engineering Drawing (CAD), Prototyping, Statistics, Circuits, Thermodynamics, Fluid Mechanics, Systems Models, Control Systems, Physiological Systems and Biomedical Design