

DARSHAN PRAJAPATI

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OBJECTIVE

Recent Computer Engineering graduate with experience in full-stack development, IoT projects, and automation. Skilled in Java, Spring Boot, TypeScript, and React, seeking an entry-level software developer role to apply and grow technical expertise.

EDUCATION

Advanced Diploma in Computer Engineering Technology, Humber Polytechnic 2025

Relevant Coursework: Operating Systems, Database Management, IT Service Management, Networking, Software Engineering, Mobile App Development

Advanced Application Developer, ITC 2022

In-depth study in C, Java, SQL, Web Development (HTML, CSS, JS, WordPress, Bootstrap)

SKILLS

Languages	Java, Python, TypeScript, SQL, Bash, PowerShell, HTML/CSS
Frameworks & Libraries	Spring Boot, React, ShadCN, Aceternity UI, Android Studio
Software Development	Object-Oriented Programming, REST APIs, UI/UX Design, Automation Scripting
Cloud & Databases	Microsoft Azure, Firebase, Oracle DB Tools, SharePoint, OneDrive
Version Control & Tools	Git, GitHub, Jira, VS Code, MDM
Networking	TCP/IP, DNS, DHCP, VPN, VLAN, NAT, Routers, Switches
Hardware (Additional)	Laptop/Desktop Repair, Debugging, Motherboard Rework, Hardware Testing
Methodologies	Agile, ITIL, SDLC, Hardware Validation & Lab Environment Setup

EXPERIENCE

Customer Service Attendant Nov 2024 – Present
Esso Etobicoke, ON

- Delivered consistent, high-quality service to 200+ daily customers, resolving issues efficiently.
- Managed POS transactions with 100% accuracy and ensured proper store inventory restocking.

Warehouse Supervisor / IT Support May 2024 – Oct 2024
You2Tec Inc Concord, ON

- Diagnosed and resolved hardware issues for 5+ PCs, scanners, and printers, reducing downtime by 20
- Performed routine maintenance and configuration of IT devices, ensuring uninterrupted daily operations.
- Managed asset tracking and documentation for 3,000+ SKUs and associated IT equipment with accuracy.
- Trained and supervised warehouse staff, ensuring compliance with safety and operational standards.

Peer Mentor Aug 2024 – Dec 2024
Humber College Etobicoke, ON

- Mentored 10+ students, increasing retention and engagement by providing academic and social guidance.
- Organized and led weekly workshops to improve first-year student confidence and time management.
- Facilitated feedback channels between students and faculty, enhancing support services delivery.

Data Entry Operator Jul 2021 – Oct 2022
Net Galaxy Anand, IN

- Achieved 99.8% accuracy while processing 1,000+ data entries daily using custom Excel macros.

- Automated batch processing system, improving team productivity by 25%.

PROJECTS

Personal Portfolio Website

TypeScript, Next.js, React

Designed and developed a responsive personal portfolio showcasing projects and skills, while learning React and TypeScript hands-on. Leveraged ShadCN and Aceternity UI components for modern UI/UX. ([Live ↗](#)) ([GitHub ↗](#))

Smart Home Garden System

Raspberry Pi, Python, Android Studio, Java, IoT, Firebase

Developed an IoT-based home gardening system that automated irrigation using real-time sensor data (moisture, temp, humidity), resulting in a 40% improvement in plant health monitoring. ([GitHub ↗](#)) ([Demo ↗](#))

Virtual Fitness Assistant

Python, OpenCV, MediaPipe, Raspberry Pi, Google AI

Built a posture detection and rep counting assistant using computer vision and AI voice commands, improving workout tracking accuracy by 35% for exercises like squats and curls.

Greenhouse Controller

C, Raspberry Pi, Vim, WinSCP

Wrote a C program on Raspberry Pi to read environmental data and log it for local greenhouse monitoring. Focused on learning hardware integration and debugging. ([GitHub ↗](#))

EXTRA-CURRICULAR ACTIVITIES

- Write blogs on [Medium](#) sharing personal insights on the tech world, practical tutorials, and tips on using AI tools and automation effectively.
- Build projects to experiment with emerging tech and apply concepts learned through self-study.

LEADERSHIP

- Led the Smart Sprout project, an IoT-based home gardening system, overseeing both hardware and Android app development. Coordinated system architecture, real-time sensor integration, and end-user experience design.