VISHVAKUMAR J

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# SUMMARY

Results-driven IT professional with 2.5 years of experience in **Java development, Spring Boot, and Microservices**. Skilled in **requirement analysis, problem-solving, and automation solutions** with hands-on experience in **SQL, AS400, and API integration**. Adept at designing and implementing **value-driven solutions** for clients, leveraging strong analytical and consulting skills. Seeking to contribute to **digital transformation projects** at Infosys.

# EXPERIENCE

## Software Engineer

### HCL TECH Pvt. Limited February 2023 - Present

* **Key Responsibilities:**
* Enhanced database management and job monitoring by executing and analyzing SQL queries through **SPUFI**.
* **Incident Management:** Collaborated with teams to troubleshoot and resolve incidents related to database inconsistencies, leveraging SPUFI for SQL query optimization.
* **AS400 System Monitoring:** Actively monitored and managed AS400 system operations, ensuring the seamless execution of scheduled jobs and maintaining system stability.

### Automation Use Cases:

* **Compleo Monitoring Automation:** This led to a 30% decrease in response time for resolving issues.
* **Website Automation:** Automated various tasks on the company website, including performance monitoring and data updates, improving site reliability and user experience. The automation scripts reduced manual workload by 40%.

# SKILLS

# TECHNICAL SKILLS

# Programming Languages: Java, Core Java, C, Python

# Frameworks & Technologies: Spring Boot, Microservices, REST API, AngularJS2

# Database Management: SQL, SPUFI, AS400, IBM iSeries

# Web Development: HTML5, CSS, JavaScript

# Tools: Git, Jira, Compleo Automation, IBM iSeries

# Core Competencies: Requirement Analysis, Problem Solving, Consulting, System Monitoring, Automation

# PROJECTS

## Smart Mobility Cane

November 2021 - January 2022

* The cane we designed can detect obstacles and holes, and it also reminds blind people to stay on the designated walkway.
* Engineered a Smart Mobility Cane capable of detecting obstacles and holes and alerting visually impaired users to stay on the designated walking path, enhancing safety and mobility by 35%.

## Long Distance communication using LORA

March 2022 - May 2022

* LoRa (Long Range) communication is a technology used for long-distance communication with low power consumption. It's commonly used in IoT applications, smart cities, and agriculture, enabling devices to transmit data packets over significant distances.

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# EDUCATION

## Bachelor of Technology - Electronics and Communications Engineering

**PONDICHERRY ENGINEERING COLLEGE** •Sept 2018 to May 2022

## Maintained with a CGPA of 7.2

## XII - BIO-MATHS

**DON BOSCO HR.SEC SCHOOL**, Jun 2017 - Mar 2018

12th passed from STATE BOARD at 72%

**X - GENERAL**

**DON BOSCO HR.SEC SCHOOL**, Jun 2015 - Mar 2016

10th passed from STATE BOARD at 95%

# CERTIFICATIONS

## C programming language

St. Patrick Software Solution • 2019

Proficient in C programming, demonstrating strong foundational skills in system-level and embedded software development. Utilized in developing efficient algorithms and managing hardware interfaces. Essential for understanding core programming concepts and memory management.

## NPTEL (Internet of Things)

IIT - NPTEL • 2020

Completed coursework in IoT technologies, including microcontroller integration and cloud services, enhancing skills in smart device management and data communication.

## NPTEL (Cognitive Psychology)

IIT - NPTEL • 2022

I have completed a course in Cognitive Psychology on NPTEL, which focuses on understanding mental processes like perception, memory, problem-solving, and decision-making.

# COURSEWORK

## ANAND TECHNO CREATIONS, Jun 2021 – Jul 2021

Tools and technology: IOT, Embedded C, Python

* IOT project development using industry grade Micro controller and to integrate it with Amazon Web server (AWS)

# INVOLVEMENT

## Sports Minister at Puducherry Technological University

November 2018 - May 2022

* Won FIRST prize in the intercollege table tennis match presented by PONDICHERRY SPORTS AUTHORITY CLUB.
* Co-ordinated and conducted GENESIS ECE – 2k22