Harsh Panchal

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# Professional Summary

Versatile and results-driven Senior Software Developer with over 3 years of experience designing and building full-stack software solutions. Proficient in developing scalable, secure, and user-friendly applications using ASP.NET, C#, SQL Server, JavaScript, and modern web frameworks. Experienced in both private and public sector projects, including e-commerce platforms, enterprise systems, and government service applications. Known for problem-solving, collaborative development, and delivering high-quality, efficient code.

# Skills

- Languages & Frameworks: C, C++, C#, JavaScript, HTML, JSP, PHP, Bootstrap, Tailwind CSS, WPF

- Databases: SQL Server, Oracle 12c/19c, MySQL, PostgreSQL

- Tools & Platforms: Visual Studio, GitHub, Microsoft Azure, Eclipse, Telerik, OBIEE, Informatica

- Concepts: OOP, Agile, SDLC, UML, Test Automation, Performance Tuning

- Web Technologies: XML, REST Web Services, AJAX, Node.js

- Operating Systems: Windows, Linux, UNIX

# Professional Experience

## Senior Software Developer

KingTech Inc. – Springfield, IL | Mar 2024 – Present

* - Lead development of enterprise web platforms using ASP.NET, C#, SQL Server, JavaScript, Bootstrap, and Tailwind CSS.
* - Architected and deployed the Budget Tracker and Appointment Management System, integrating modals, calendar views, role-based access, and export features.
* - Rebuilt and enhanced Diligent Search Service Center (DSSC), improving security, design, and system workflows using Telerik RadControls.
* - Deployed and managed codebases in Azure with GitHub CI/CD pipelines.
* - Provided mentorship to junior developers and collaborated with QA teams.

## Software Engineer

Legislative Information System – Springfield, IL | Jan 2021 – Present

* - Built the OAC Parking Application using WPF and SQL Server, reducing search time by 32% with real-time parking availability.
* - Developed pricing and routing algorithms, integrated license plate lookup, and managed backend system optimizations.

## Software Developer – E-Commerce Projects

Freelance / Remote | 2021 – 2022

* - Designed and implemented scalable e-commerce platforms with payment processing, landing pages, and vendor APIs.
* - Created alert/notification systems for customer subscriptions.
* - Stack: J2EE, Oracle 8i, Servlets, SQL, Unix.

## Database Administrator (DBA)

DBA University / Projects | Jan 2021 – Jan 2023

* - Maintained Oracle 12c/19c environments with RAC, ASM, Data Guard, and OEM.
* - Developed PL/SQL procedures and shell scripts to automate data workflows.
* - Supported data warehouse operations using Informatica and OBIEE.

# Key Projects

## OAC Parking System

Legislative Information System | July 2022 – Mar 2023

* - Developed a smart parking application in WPF, allowing users to register, search parking by license plate, and reserve spots.
* - Enhanced UX and improved time-to-find by 32% using real-time logic and SQL integration.

## Budget Tracker System

KingTech Inc. | 2024

* - Built a web-based finance manager for tracking transactions, managing savings goals, and exporting data.
* - Features: modal forms, role-based access, filters, calendar view, and export-to-Excel.

## Appointment Management Platform

KingTech Inc. | 2024

* - Developed a responsive appointment system for scheduling, canceling, and managing time slots.
* - Includes admin dashboard, upcoming event list, and full calendar integration.

## DSSC Legal Application

KingTech Inc. | 2024

* - Redesigned a government legal portal with secure login, form submissions, user access roles, and image upload capabilities.
* - Built using Telerik UI, ASP.NET, and SQL Server.

## Hotel Booking Website

Woodland Inn | Apr 2019 – Jan 2020

* - Increased web traffic by 140% and online bookings by 170% through UX redesign and SEO.
* - Stack: HTML, CSS, JavaScript, JSP, MySQL, Bootstrap.

## Software Engineering Capstone

University of Illinois Springfield | Jan 2022 – May 2022

* - Developed a prototype system for quality inspection with testing automation and full-stack functionality.

# Education

Bachelor of Science in Computer Science, University of Illinois Springfield – 2022

Associate in Data Systems & Development, Parkland College – Springfield, IL – 2018

# Relevant Coursework

- Web Development & Programming – Front-end architecture and team-based coordination

- Database Systems – SQL Server, ETL, Data Quality & Profiling

- Software Engineering Capstone – Node.js, Full-Stack Development, Test Automation