

HARSH BHAVSAR

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EDUCATION

Missouri University of Science and Technology Rolla, MO
Masters in Computer Science Jan 2023 - Present

University of Mumbai Mumbai, India
Bachelor of Engineering in Information Technology June 2015 - May 2019

RELEVANT COURSES

Introduction to AI, Advanced AI, Introduction to Deep Learning, Business Analytics and Data Science, Introduction to Cybersecurity, Analysis of Algorithms, Java GUI and Visualization.

SKILLS

Python, C, C++, Java, R, HTML, CSS, SCSS, JavaScript, SAP ABAP, SQL, Git, VS Code, Linux/Unix, Houdini FX, Databases, Data structures, Algorithms, Operating Systems.

WORK EXPERIENCE

Accenture Mumbai, India
Application Development Analyst / SAP ABAP Developer Aug 2019 - Aug 2022

- **Global QR Code Solution:** Led QR code implementation in legal documents (invoices, delivery notes) for USA, Switzerland, and Portugal, meeting government standards. Introduced 2D Data Matrix bar code for Germany's delivery notes with key data integration.
- **Expertise in SAP ABAP Programming:** Demonstrated proficiency in SAP ABAP programming by customizing Equipment Master transaction with client-specific fields via Screen Exit, developing dynamic reports for Pricing Condition Creation and Change history in OOABAP. Created a robust logic for merging SmartForms output with local PDFs, enabling PDF Print Previews, spool generation via ADS, and archiving, with email attachment functionality. Enhanced email formatting for delivery notes with HTML/CSS.
- **Cross-Functional SAP Collaboration:** Working together with teams spanning various SAP modules such as PP, MM, QM, SD, FI, and CO, I effectively tackled a range of tickets related to reports, SmartForms, SAPScripts, IDOC, and proxies.
- **Mentored and Trained Junior Engineers:** Took on a leadership role by mentoring and training junior engineers, fostering their professional growth and contributing to the organization's overall success.

PROJECTS

Wordle Clone Feb 2024 - March 2024

- The project was to build a clone of a web-based word game called Wordle. I have built the website using HTML, SCSS and JavaScript.
- The Wordle puzzle is generated by selecting a random word from the list words gathered from Merriam-Webster. I have used FreeDictionary API to check validity of entered word. This API also helps in fetching definitions of the word.

Chess Bot March 2023 - May 2023

- This project was developed as a part of the Introduction to AI course at Missouri S&T. The aim was to develop chess model that calculates and outputs the next best move using Time-Limited Iterative-Deepening Depth-Limited MiniMax with Alpha-Beta pruning algorithm.
- Heuristic function was used to calculate the game state based on the material advantage, positional advantage, king safety, pawn structure and potential threats.

Early Detection of Cardiac Disease using Machine Learning Oct 2018 - April 2019

- Designed and implemented a decision tree classification model within a comprehensive project focused on real-time disease classification based on IoT-sourced parameters, with results visualized through a mobile application.
- *International Journal Publication* - "Early Detection of Cardiac Disease Using Machine Learning", 2nd International Conference on Advances in Science and Technology(ICAST) 2019.