Sahil Yogesh Hadke

Tempe, AZ | +1-6026936593 | shadke1@asu.edu | https://sahil.hadke.in/

EDUCATION

Arizona State University, USA   Dec 2025
Masters of Science - Computer Science
Coursework: Semantic Web Mining, Data Visualization, Knowledge Representation and Reasoning

Savitribai Phule Pune Univeristy, Pune, India   May 2022
Bachelor of Engineering in Computer Engineering   *GPA: 9.7/10*
Coursework: Database Management, Artificial Intelligence, Data Structures & Algorithms

SKILLS

Programming Languages: Python, Java
Database: MongoDB, SQL
Frameworks and Tools: Node, Express, React, CodeIgniter, Web Scraping, Selenium, Unity 3D, HTML, CSS, Bootstrap, RPA, Powershell, VBA, AWS, Langchain, LLM, JSON
Certifications: AWS Cloud Foundations, cPanel Professional Certificate

EXPERIENCE

Software Engineer   May 2022 - Dec. 2023
FIS   *Pune, India*
- Saved 1500 hours by developing and implementing an automated funding booking system using Selenium in Java.
- Contributed to more than 750 hours/year savings by automating web-based project management processes using SAFAL and VBA, garnering recognition for efficiency improvements.
- Worked in an Agile environment, following Agile principles and practices for project execution.
- Acted as a key liaison between the development team and clients, ensuring a clear understanding of project requirements and delivering solutions that exceeded client expectations.
- Played a key role in fostering team bonding as the lead of the Fun Committee, organizing multiple successful events that strengthened team cohesion and morale.
- Mentored and trained a junior team member in SAFAL, contributing to their professional development and skill enhancement.

Full Stack Developer - Internship   Dec. 2020 - June 2022
OG Advertising Private Limited   *Pune, India*
- Led to an 80% reduction in manual efforts by developing a web application for automated invoice generation, streamlining the invoicing process for clients.
- Collaborated with prestigious educational institutes in India, delivering custom website solutions that met their unique demands.
- Worked on AWS EC2 Instances, utilizing Web Host Manager and cPanel for website hosting, contributing to enhanced performance and reliability.
- Led client engagement efforts, working closely with diverse clientele to understand and fulfill their specific requirements.
- Acted as the primary point of contact for clients, answering phone calls, and providing assistance with support requests in a professional manner.
- Supervised and mentored 2 interns, providing guidance and support throughout their internship tenure.

Studio Associate   April 2024 - Present
Next Lab   *ASU, Tempe*
- Collaborated closely with Unity 3D and C# developers to integrate system functionalities seamlessly into game development projects, ensuring optimal performance and compatibility with project requirements.
- Utilized GitHub for effective collaboration and version control, facilitating streamlined workflows and enabling transparent communication within the team.
- Worked collaboratively with music and design teams to integrate audiovisual assets into game projects, ensuring cohesive and immersive gameplay experiences for end-users

JobTailor - Personalized Resume and Cover Letter Solution

LLM, Python, JSON, Streamlit

- Developed an automated system using Python, LLM APIs, web scraping, and text mining to streamline the customization of resumes and cover letters.
- Implemented a feature that analyzes job descriptions using text mining techniques and provides metrics on the similarity between the tailored resume and the job requirements.
- Ensured the project's end-to-end functionality, from web scraping job listings to parsing input documents and generating final tailored resumes and cover letters in PDF format.

RAG Application

Python, LLM, Langchain, Streamlit

- Developed a Retrieval-Augmented Generation (RAG) application: Leveraged LangChain to create a web-based RAG model, enhancing text generation with relevant retrieved content.
- Implemented a recursive web crawler: Designed and deployed a recursive web crawler to gather and preprocess data from multiple webpages for comprehensive data coverage.

Password Manager - Secure MERN Password Management Solution

React, MongoDB, Express, Node

- Developed a secure password manager using the MERN (MongoDB, Express.js, React, Node.js) stack to store and manage user passwords.
- Implemented encryption using bcrypt to ensure the security of stored passwords, protecting user data from unauthorized access.
- Designed an intuitive user interface using React for easy navigation and efficient password management, enhancing user experience.

Dijkstra's Algorithm Visualisation

Unity 3D, C#, Algorithms

- Implemented Dijkstra's pathfinding algorithm in Unity3D using C#, enabling users to interactively select start and end points and obstacles, visualizing the algorithm's process.
- Designed an intuitive user interface that allows players to dynamically set up the environment and observe the algorithm's pathfinding in action.
- Enhanced user experience by providing real-time feedback on the shortest path found, showcasing the algorithm's efficiency and effectiveness.

Customer Relationship Management Tool

PHP, CodeIgnieter, Bootstrap, MySQL

- Developed a custom CRM tool using CodeIgniter, PHP, MySQL, and Bootstrap, utilized by multiple educational institutes in Pune to manage leads during admission campaigns, resulting in a 70% reduction in manual efforts.
- Implemented lead aggregation from various sources, including websites, Facebook, and Google, into a centralized dashboard accessible to faculty members for efficient lead management.
- Enhanced administrative oversight by providing insights into lead closure rates per faculty, improving strategic decision-making and campaign effectiveness.