

Sahil Yogesh Hadke

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

EDUCATION

Arizona State University

Masters of Science - Computer Science

Relevant Courses: Data Visualisation, Cloud Computing, Frontier Topics in GenAI, Blockchain Applications

December 2025

4.0/4

Savitribai Phule Pune Univeristy

Bachelor of Engineering in Computer Engineering

Relevant Courses: Database Management, Artificial Intelligence, Data Structures and Algorithms

May 2022

9.7/10

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, C

Data Structures and Algorithms: Data Structures, Algorithms

Networking: Network Programming (TCP/IP)

Other: Multi-Threaded Applications, Computational Intelligence, GUI Programming, Object-Oriented Design

EXPERIENCE

Software Engineer

05/22 – 12/23

FIS

Pune, India

- Engineered and deployed an RPA bot using Selenium and Java, automating data retrieval, complex operations, and output delivery, resulting in annual savings equivalent to 2100 hours.
- Enhanced the performance of two existing RPA bots, improving efficiency and reducing runtime by 20%, contributing to continuous improvement and timely delivery of automation solutions in an Agile, Scrum environment.

Web Technology Associate

12/20 – 06/22

OG Advertising Private Limited

Pune, India

- Developed and deployed websites for educational institutes, realtors, and e-commerce businesses, leveraging AWS servers and cPanel for robust hosting solutions, collaborating with marketing experts to enhance user engagement and website performance.
- Designed and implemented a custom Customer Relationship Management (CRM) system for seven educational institutes, streamlining admission campaigns, lead generation, and user management processes, improving overall campaign effectiveness.

Office Assistant

03/24 – Present

FSE, ASU

Tempe, USA

- Managed a high volume of student interactions (25 phone calls daily), providing support and resolving issues, contributing to a positive and welcoming atmosphere.
- Demonstrated strong interpersonal and communication skills in assisting students with information and ensuring a positive experience.

PROJECTS

JobTailor - Personalized Resume and Cover Letter Solution

- Designed and implemented an innovative pipeline for JobTailor, leveraging advanced capabilities of LLMs for sophisticated information extraction and language understanding. Utilized prompt engineering and web scraping techniques to extract detailed job and resume information, enabling the generation of highly personalized and optimized resumes for users.
- Developed a comprehensive Python library for JobTailor, facilitating seamless integration with any job application workflow and system. This library ensures efficient optimization and customization of resume generation processes, enhancing the overall user experience and increasing application success rates.

Password Manager - Secure MERN Password Management Solution

- Engineered a comprehensive and user-friendly password manager application using the MERN stack (MongoDB, Express.js, React, Node.js), enabling secure storage and management of user passwords. The system features a highly intuitive interface, ensuring seamless user interaction and efficient password handling.
- Implemented robust encryption protocols with bcrypt to fortify password security, guaranteeing that stored user passwords are protected against unauthorized access and potential cyber threats. This approach ensures maximum data integrity and user privacy within the application.