

# Sahil Yogesh Hadke

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## EDUCATION

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### Arizona State University

December 2025

*Masters of Science - Computer Science*

4.0/4

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

### Savitribai Phule Pune University

May 2022

*Bachelor of Engineering in Computer Engineering*

9.7/10

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

## TECHNICAL SKILLS

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

**Technologies and Frameworks:** Flask, Node.js, Express.js, React.js, Restful APIs

**Database:** MySQL, PostgreSQL, MongoDB

**Tools:** Postman, Jira, AWS, Github, Visual Studio Code

**Methodologies:** RPA, SDLC, STLC, SCRUM, Agile

## EXPERIENCE

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### Software Engineer

05/22 – 12/23

*FIS*

*Pune, India*

- Engineered and deployed a RPA bot using Selenium and Java to automate an end-to-end data pipeline, automating data retrieval from remote servers, performing complex operations, and delivering the desired output to clients. This automation resulted in annual savings equivalent to 2100 hours, effectively saving the company the cost of one full-time employee.
- Enhanced the performance of two existing RPA bots, improving their efficiency and reducing runtime by an average of 20%. Worked in an Agile, Scrum environment, contributing to sprint planning, daily stand-ups, and iterative development cycles to ensure continuous improvement and timely delivery of automation solutions.

### Web Technology Associate

12/20 – 06/22

*OG Advertising Private Limited*

*Pune, India*

- Developed and deployed websites for educational institutes, major realtors, and e-commerce businesses, leveraging AWS servers, WHM, and cPanel for robust hosting solutions. Collaborated closely with social media marketing experts to enhance user engagement and lead generation, significantly improving website performance and user interaction.
- Designed and implemented a custom Customer Relationship Management (CRM) system used by seven educational institutes in India to streamline admission campaigns, lead generation, and user management processes. This CRM system facilitated more efficient handling of admissions and improved overall campaign effectiveness.

## PROJECTS

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### 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.