Sahil Yogesh Hadke

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EDUCATION

Arizona State University Dec 2025
Masters Science - Computer Science None
Relevant Courses:Semantic Web Mining, Data Visualization, Knowledge Representation Reasoning

Savitribai Phule Pune Univeristy May 2022
Bachelor Engineering Computer Engineering 9.7/10
Relevant Courses:Database Management, Artificial Intelligence, Data Structures & Algorithms

TECHNICAL SKILLS

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

EXPERIENCE

Software Engineer May 2022 – Dec 2023
FIS *Pune, India*

- Saved 1500 hours by developing and implementing an automated funding booking system using Selenium Java.
- Contributed to 750 hours/year savings by automating web-based project management processes using SAFAL VBA, resulting in efficiency improvements.

Web Technology Associate - Part Time Dec 2020 – June 2022
OG Advertising Private Limited *Pune, Inida*

- Led 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.

PROJECTS

JobTailor - Personalized Resume and Cover Letter Solution

- 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 for similarity to tailored resumes based on job requirements.
- Ensured the project's end-to-end functionality, including web scraping job listings, parsing input documents, and generating final tailored resumes and cover letters in PDF format.

RAG Application

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