

Shradha Hirve

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SUMMARY

A highly motivated **Full Stack Developer** with **4 years** of experience in software application development across diverse domains. Eager to leverage skills and expertise in a dynamic environment that fosters innovation and growth.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, HTML/CSS, C

Frameworks: Angular, AngularJS, Bootstrap, Flask, Django, Vue.js

Databases: MySQL, SQLServer, MongoDB

Version Control Systems: Git, GitHub

Cloud Technologies: AWS, Google Cloud SDK

Other: Jira, Linux, Docker, Machine Learning, Data Structures, Object-Oriented Programming (OOP), Node.js, Tableau, Power BI

WORK EXPERIENCE

Biglab | Software Engineer, Tallahassee, USA

Aug 2024 - Present

- Leading a cancer research project to create a knowledge graph clarifying cancer mechanisms and improving diagnostic accuracy
- Crafting precise **MongoDB** queries to extract cancer data and structuring it into tables, enabling efficient data management
- Training **CNN, Naive Bayes, and Logistic Regression models**, boosting data analysis efficiency by 28% for impactful insights

Cognizant | Programmer Analyst, Pune, India

May 2022 - Jul 2023

- Developed a web application using **Angular 9, Python, and SQL** to enhance healthcare processes by resolving key bottlenecks, boosting decision accuracy by 25%, and reducing manual review time by 20%
- Automated data processing, extraction and structuring using **SQL** database to efficiently query, transform, and organize data, addressing inefficiencies in healthcare information data management and significantly improving task efficiency and accuracy
- Orchestrated project execution by leveraging **agile methodologies**, culminating in a substantial 18% improvement in performance

Sonora Software Pvt Ltd | Software Engineer, Pune, India

Mar 2020 - Mar 2022

- Created an application for real-time space data, enhancing space exploration research by 15% through improved celestial tracking and updates, by integrating **Python APIs with Angular 9**
- Mentored new team members through intricate **debugging**, boosting team efficiency by 35% and speeding up project delivery
- Leveraged UDL and Space Track models to cut satellite data downtime by 23% and managed data using precise **SQL** queries

SoftTech Engineers Ltd | Software Test Engineer, Pune, India

Nov 2017 - Apr 2018

- Implemented an automated system using the Streaming algorithm in **.NET** to optimize proposal evaluations and file upload functionality for construction projects, reducing site permission approval times by 40%
- Executed comprehensive unit tests in Test Explorer, boosting processing speed by 25% and reducing manual review time

EDUCATION

Florida State University, Tallahassee, FL

Aug 2023 - May 2025

Master of Science, Computer Science

VITA, Centre for Development of Advanced Computing, Mumbai, India

Aug 2018 - Feb 2019

Post Graduate Diploma, Advanced Computing

University of Pune, Pune, India

Aug 2013 - May 2017

Bachelor of Engineering, Computer Engineering

ACADEMIC PROJECTS

- **PolyRange Finder:** Built a C++ app using kd-trees and ANN, enhancing point-in-polygon search speed by 35%
- **ELIS:** Implemented the ELIS classifier in **C++ and SQL**, boosting time series accuracy by 30% over traditional methods
- **Fleet Management System:** Created a car rental web system, automating tasks and reducing processing time by 20%