SHUBHAM KHIRWADKAR

shubhamkhirwadkar@outlook.com | +1-(972) 799-5914 | [LinkedIn](#) | [Github](#) | [Portfolio](#)

PROFILE OVERVIEW

Accomplished Software Engineer with Master's in Computer Science and experience in web applications development, data analysis, and system design. Proven track record of streamlining data management, optimizing user workflows, and enhancing system reliability through innovative solutions. I am a self motivated learner who loves exploring new technologies.

EXPERIENCE

Benefit Harbor, LP - *Software Engineer*   *July 2023 - Present*

- Designing a self-service web application for employees to manage and enroll in insurance products. Streamlined the process by designing a dynamic enrollment feature for 20+ carriers, **reducing employer time spent on enrollment by 70%**.
- Developing and integrating automated data analysis processes, providing clients with intuitive, on-demand report generation that improved data accessibility and informed decision-making.
- Proactively identifying and resolving critical product issues, ensuring uninterrupted user experience and reducing response times for customer service.
- Conducting code reviews for peers, optimizing code and promoting coding standards.

Coreview Systems Pvt Ltd - *Software Engineer*   *November 2019 - July 2021*

- Collaborated with clients using Agile methodology to obtain, analyze, and develop web application requirements.
- Designed and implemented web framework and REST APIs to perform user requests on client applications.
- Developed a Poc for data synchronization using Airflow, enhancing data consistency and **reducing sync time by 67%**.
- Implemented CI/CD pipelines on AWS with Git and Jenkins, reducing build time and streamlining the development lifecycle.

Cognizant Technology Solutions - *Software Engineer*   *July 2018 - October 2019*

- Developed a comprehensive testing strategy within an Agile team, improving collaboration and issue tracking among 20+ developers.
- **Enhanced testing coverage by 76%** by automating regression testing with Selenium, reducing manual testing time and increasing accuracy.

Tech Mahindra - *Software Engineer Intern*   *February 2018 - May 2018*

- Engineered custom Alexa Skill for sales and realtor assistants, utilizing Lambda function, DynamoDB, and S3 for robust data handling and storage, significantly enhancing system performance.

TECHNICAL PROFICIENCIES

- **Languages:** Python | Java | JavaScript | HTML | CSS
- **Databases:** PostgreSQL | MySQL | SQLite | MongoDB
- **Frameworks:** Django | Flask | Spring | React | Selenium | Appium
- **Technologies:** Maven | Swagger | REST APIs | JIRA | Docker | Git | Jenkins | Apache Airflow | AWS | SVN | OAuth | Agile Methodology | Waterfall | Linux

PROJECTS

Sign Language Detector   **2024**

- Developed a model capable of real-time interpretation of sign language gestures, leveraging computer vision to translate hand movements into text, enhancing accessibility.
- Integrated live video feed functionality to support dynamic, real-time language detection and translation.

Sentiment Analysis Twitter   **2022**

- Engineered LSTM and NLP models to classify tweet sentiment with 79% accuracy, enhancing analysis precision and insight generation from large-scale Twitter data.
- Integrated real-time data feeds to conduct sentiment analysis on trending topics, generating comprehensive insights and visualizations for user engagement patterns.

EDUCATION

Master's (MSc) in Computer Science - *The University of Texas at Arlington*   *August 2021 - May 2023*

Bachelor's (BTech) in Computer Engineering - *Vishwakarma Institute of Technology, Pune*   *August 2014 - May 2018*