

# Kashmira Lokhande

[kashmiralokhande1198@gmail.com](mailto:kashmiralokhande1198@gmail.com) | +1 (562) 514-2959 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

**Master of Sciences in Computer Science,**  
California State University, Long Beach

**DEC 2022**  
GPA - 3.8

**Bachelor of Engineering in Computer Science Engineering,**  
Dr. Babasaheb Ambedkar Marathwada University

**JUN 2019**  
GPA - 3.5

## SKILLS

**Programming Languages:** Python, Java, Javascript, C#, SQL.

**Web Development:** ReactJS, AngularJS, Node.js, Django, Flask, HTML, CSS, ASP.NET, REST / SOAP API.

**Databases and Cloud:** MySQL, MS SQL Server, PostgreSQL, MongoDB, AWS, Microsoft Azure.

**Software Development:** OOPS, Data Structures, Algorithms, Design patterns, Scrum, Agile, TCP/IP.

**Tools and OS:** JIRA, CI/CD, Github, Jenkins, Docker, Kubernetes, Mocha, Selenium, Windows, Linux.

## EXPERIENCE

**Software Developer | SourceMantra Inc., Long Beach, CA, USA**

**MAR 2023 - Current**

- Developed a relationship-building web application for recruiters, using ReactJS to create an intuitive front-end and Django for a robust back-end infrastructure.
- Integrated PostgreSQL as the backend database, ensuring secure and efficient storage for candidate relationship data.
- Executed comprehensive unit and functional tests using Pytest to ensure codebase integrity and functionality.
- Seamlessly integrated the codebase with Jenkins to establish a streamlined CI/CD pipeline.

**AI Programmer Intern | HeartLung.ai, Torrance, CA, USA**

**JUN 2022 - AUG 2022**

- Implemented a deep learning algorithm using Python and PyTorch to achieve a robust 93% accuracy in identifying and categorizing calcium lesions within chest CT scans.
- Utilized deep learning models and OpenCV to detect outliers and reduce noise in CT images, improving the quality of the analysis.
- Developed impactful dashboards to visualize key performance indicators (KPIs) for the business, resulting in a significant reduction of 10 hours per week in manual reporting.

**Associate Software Developer | Xoriant Solutions, Pune, MH, IN**

**JUL 2019 - FEB 2020**

- Developed a scalable employee management web app with responsive ReactJS components, leveraging Django's ORM for efficient data querying across 10,000+ users.
- Optimized database schema using AWS services, resulting in 40% improved query performance, and efficient processing of 1 million+ records.
- Collaborated with QA engineers to establish automated testing procedures, reducing the occurrence of critical bugs and enhancing product reliability.
- Contributed significantly to the development lifecycle by collaborating cross-functionally, ensuring seamless integration, and enhancing system efficiency.

## PROJECTS

**Social Media App - Pixagram —AngularJS, Node.js, Express.js, MongoDB, AWS.**

- Developed a photo-sharing web application similar to Instagram, using the MEAN stack.
- Designed a modern and visually appealing user interface and implemented file upload, pagination, and robust user authentication and authorization.

**Retail Market Analysis | Python, Machine Learning, Pandas, Numpy, Tableau, Streamlit.**

- Conducted data analysis, revealing critical insights into weekly sales patterns.
- Achieved 93% accuracy in sales forecasting using advanced machine learning techniques including CNN models and ARIMA time series analysis. Launched an interactive interface on Streamlit.

**Digitization and analysis of invoices | Python, Machine Learning, NLP, OCR, Tableau, Git.**

- Created a machine learning algorithm using NLP and OCR achieving 92% accuracy in transforming non-searchable documents into searchable formats. (Sponsored by Gauss and Reimann Scientific).
- Conducted extensive testing on a large invoice dataset to ensure the accuracy and robustness.

## CERTIFICATIONS AND EXTRACURRICULARS

- AWS Certified Cloud Practitioner** (April 2022 - April 2025).
- Graduate Teaching Assistant** at California State University, Long Beach (Jun 2021 - Dec 2022).