# Kashmira Lokhande

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## SUMMARY

Skilled Software Developer with experience in building robust and reliable web applications. Proven track record of delivering high-quality, efficient, and scalable software solutions. Experienced in working with diverse teams and projects possessing excellent communication and interpersonal skills.

## EDUCATION

**Master of Sciences in Computer Science,**                                                                  **DEC 2022**
California State University, Long Beach                                                                        GPA - 3.8
**Bachelor of Engineering in Computer Science Engineering,**                                   **JUN 2019**
Dr. Babasaheb Ambedkar Marathwada University                                                        GPA - 3.5

## SKILLS

**Programming Languages:** Python, Java, C#, SQL, Bash/Shell Scripting.
**Core**: REST API, SOAP API, Microservices, Distributed Systems, TCP/IP, HTTP, Docker, Kubernetes.
**Web Development:** HTML, CSS, Javascript, AngularJS, ReactJS, Node.js, Django, Flask, ASP.NET, Apache Webserver.
**Databases and Cloud:** MySQL, PostgreSQL, MongoDB, NoSQL, Redis, AWS, Microsoft Azure.
**Software Development:** OOPS, Design Patterns, Data Structures, Algorithms, Scrum, Agile, ORM.
**Tools and OS**: JIRA, CI/CD, Github, Jenkins, SVN, Terraform, Mocha, Chai, Selenium, Windows, Linux.

## EXPERIENCE

**Graduate Teaching Assistant | California State University, Long Beach, CA, USA**          **AUG 2021 - DEC 2022**
- Mentored students in Introduction to Programming in Python and Digital Logic and Assembly programming.
- Responsible for creating lab assignments and projects, grading exams, and homework assessments.

**AI Programmer Intern | American Heart Technologies, Torrance, CA, USA.**          **JUN 2022 – AUG 2022**
- Implemented a deep learning algorithm using Python and PyTorch to identify and classify calcium lesions from blood vessels in the chest CT images with 93% accuracy.
- Utilized deep learning models and OpenCV to detect outliers and to reduce the noises in the CT images.
- Created impactful dashboards to visualize business KPIs saving 10 hours per week of manual reporting.

**Software Developer | Dattasut Associates, Aurangabad, MH, IN**          **APR 2020 – DEC 2020**
- Designed web application MVP for a project management platform of 200+ projects to create, manage and monitor projects using Angular, MS SQL server, C#, and ASP.NET.
- Developed and tested T-SQL stored procedures and SQL functions for ETL processing including staging and target processing from 10 sources.
- Enhanced CI/CD pipelines by integrating Jenkins, Docker, and AWS resulting in a 21% acceleration of release cycles.
- Utilized version control systems to manage source code and facilitate smooth collaboration effectively.

**Associate Software Developer | Xoriant Solutions, Pune, MH, IN**          **JUL 2019 - FEB 2020**
- Implemented web application for Employee management dashboard of over 10,000 employees using Angular for frontend along with API integration with Node.js in the backend.
- Conducted unit tests, automated features, and managed the deployment stage for a number of applications.
- Achieved 20% improvement in the performance of all SQL components, ensuring timely response and data reliability.
- Implemented optimized database schema designs leveraging various AWS services to maximize performance.
- Involved in Scrum-based development methodology that includes daily stand-ups, regular sprint reviews, and retrospectives to illustrate work with a cross-functional team using agile development processes.

## PROJECTS

**Pixagram** — **JavaScript, TypeScript, AngularJS, Node.js, Express.js, Angular Material, MongoDB, AWS**.
Designed a dynamic photo-sharing web application using the MEAN stack. The app includes features like file upload, pagination, user authentication, and authorization. Deployed this app on AWS.

**Retail Market Analysis** | **Python, Machine Learning, Tableau, Streamlit.**
Utilized exploratory data analysis techniques to visualize the weekly sales pattern against many different features and designed a tableau dashboard. Applied CNN model and ARIMA time series analysis to make the sales predictions with 93% accuracy. Deployed an interface that displays forecasts on streamlit.

**Digitization and analysis of invoices** | **Python, NLP, OCR, Tableau, Git.**
Trained a machine learning algorithm with 92% accuracy for transforming a non-searchable document into a searchable one. Used NLP to extract tables and essential data from invoice PDFs and images, then represent that data in a summarized form.

## CERTIFICATIONS AND EXTRACURRICULARS

- **AWS Certified Cloud Practitioner** (April 2022 - April 2025).
- **Udemy Certification** - Learn DevOps: Docker, Kubernetes, Terraform, and Azure DevOps.\