

Kashmira Lokhande

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Summary

Experienced computer science professional with a Master's degree and proficiency in web technologies, cloud computing, object-oriented programming, database management, data structure, and algorithms.

Education

Master of Science, Computer Science	Jan 2021- Dec 2022
California State University, Long Beach, CA, USA	GPA - 3.8
Bachelor of Engineering, Computer Science	Aug 2015- June 2019
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, MH, India	GPA - 3.5

Technical Skills

Programming Languages: Java, Python, C, C++, C#, SQL.

Web Development: Angular, React, Node, Express, JavaScript, HTML, CSS, PHP, REST API, Spring Boot, .NET.

Database and Cloud: MySQL, Firebase, MongoDB, AWS, Microsoft Azure, Hadoop, Cassandra, Tableau.

Software Development: Docker, Kubernetes, Scrum, Selenium, Cucumber, CI/CD, Jenkins, Github, Linux.

Work Experience

AI Programmer Intern American Heart Technologies, Torrance, CA, USA	Jun 2022 – Aug 2022
<ul style="list-style-type: none">Implemented a deep learning algorithm using Python, PyTorch, and MONAI to process and analyze the CT scan images with 91% accuracy.Used OpenCV to preprocess images, extract useful information from the data, and develop a pipeline to eliminate invalid images that significantly improved accuracy.Deploy the generated models to AWS services.	
Associate Software Engineer Xoriant Solutions, Pune, MH, India	Jul 2019 – Feb 2020
<ul style="list-style-type: none">Worked in a software development scrum team to design, implement, and release a web application using Angular, Node, and MySQL.Debugged and provided solutions for existing deployments, ensuring smooth and efficient software operations.Conducted testing and automation of features and successfully took them to the deployment stage.Collaborated with product development teams at other sites and worked closely with cross-functional teams.	
Machine Learning Intern Gauss and Riemann Scientific, Pune, MH, India	Aug 2018 – Apr 2019
<ul style="list-style-type: none">Developed an ML algorithm for semantic aware digitization and analysis of invoices with 92% accuracy.Processed data from invoices in various formats, including images and PDFs, into a standardized, editable format using a combination of NLP and OCR techniques.Conducted extensive testing and analysis on a large invoice dataset to ensure the algorithm's accuracy and robustness.	

Academic Projects

Pixagram | Angular, Node, Express, MongoDB

- Designed and developed a dynamic photo-sharing web application using the MEAN stack.
- The app allows users to create and share their photo collections with others, along with features like file upload, pagination, and user authentication and authorization for secure access.

Retail market Analysis | Python, Machine Learning, Tableau, Streamlit

- Utilized exploratory data analysis techniques to visualize the weekly sales pattern against many different features and developed a tableau dashboard.
- After preprocessing the data, applied the CNN model and ARIMA time series analysis to make the sales predictions with 93% accuracy. Also, deployed an interface that displays forecasts on streamlit.

Detection of Hypervisor attacks in VM | Python, Machine Learning, RapidMiner, Git

- Implemented KNN and SVM classifiers on the publicly available VMWare and XEN vulnerability datasets to classify hypervisor attacks with 92% accuracy.
- Used RapidMiner tool to visualize workflow and analyze data and ML models.

Certifications and Extracurriculars

- 2022 Student Scholar, Grace Hopper Celebration.
- AWS Certified Cloud Practitioner (April 2022 - April 2025).
- Graduate Teaching Assistant** at California State University, Long Beach (Jun 2021 - Dec 2022).
- Executive Body Member** at Computer Society of India (CSI) (Jun 2016 - Apr 2017).