

Kashmira Anant Lokhande

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EDUCATION

Master of Sciences in Computer Science, California State University, Long Beach	12/2022
Bachelor of Engineering in Computer Science, Dr. Babasaheb Ambedkar Marathwada University	06/2019

SKILLS

Programming Languages: Python | Java | Javascript | C | C++ | C# | SQL
Web Development: ReactJS | AngularJS | Node.js | Django | HTML | CSS | PHP | Bootstrap | ASP.NET | REST API | JSON
Databases and Cloud: MySQL | MS SQL | Oracle | PostgreSQL | GraphQL | NoSQL | MongoDB | GCP | AWS
Software Development: OOPS | Data Structures | Algorithms | Scrum | Agile | TCP/IP | HTTPS
Tools and OS: JIRA | CI/CD | Github | Jenkins | Docker | Kubernetes | Selenium | Visual Studio Code | Linux.

EXPERIENCE

Software Developer Trinet, Long Beach, CA, USA Tech Stack: React.js, Javascript, HTML5, CSS3, Python, Django, GraphQL, Datadog, Docker, Github, AWS, JIRA, Agile. <ul style="list-style-type: none">Involved in the end-to-end development of Payroll web application using React.js, Python, and Django, handling over 10,000 employee records.Developed and optimized complex GraphQL queries to efficiently retrieve employee data, reducing server response times by 30%.Employed AWS for streamlined deployment, ensuring the application's accessibility to 5000+ monthly active users.Actively participate in Agile methodologies, including code reviews and daily stand-up meetings, to maintain code quality and effective communication.	08/2023 – Current
Software Developer SourceMantra Inc., Long Beach, CA, USA Tech Stack: React.js, Javascript, HTML5, CSS3, Python, Django, PostgreSQL, Github, AWS. <ul style="list-style-type: none">Developed a project management web application by creating an intuitive front-end with 20+ interactive elements and a robust back-end infrastructure.Incorporated PostgreSQL as the backend database, ensuring the secure storage of 1000+ project details.Executed unit and functional tests using Pytest to ensure codebase integrity and functionality.	03/2023 – 07/2023
AI Programmer Intern HeartLung.ai, Torrance, CA, USA Tech Stack: Python, Pytorch, Machine Learning, Neural networks, OpenCV, Tableau, PowerBI. <ul style="list-style-type: none">Implemented a deep learning algorithm to identify calcium lesions within chest CT scans with 93% accuracy.Improved image quality by reducing noise and identifying outliers, resulting in a 12% enhancement.Designed impactful dashboards using Tableau and PowerBI, saving 10 hours per week in manual reporting.	06/2022 – 08/2022
Associate Software Developer Xoriant Solutions, Pune, MH, IN Tech Stack: AngularJS, Typescript, Javascript, HTML5, CSS3, Node.js, Express.js, MySQL, Docker, Jenkins, Github, AWS. <ul style="list-style-type: none">Built an employee management web app for over 10,000 users, ensuring optimal performance and a seamless user experience.Utilized AngularJS directives and Material UI components to create dynamic and visually appealing dashboards, charts, and widgets, enhancing the application's data visualization capabilities.Created RESTful APIs in Node.js and Express.js, enabling smooth communication between the frontend and backend systems.Leveraged AWS for improved data handling and optimized query performance by implementing partitioning and clustering techniques, resulting in 50% faster query execution.Employed GitHub for version control and integrated the codebase with Docker and Jenkins to streamline CI/CD pipeline..Actively incorporated Agile methodologies, conducting peer code reviews, resolving tickets to ensure quality, and aligning with project standards.	07/2019 - 02/2020

PROJECTS

Retail Market Analysis Python, Machine Learning, Pandas, Numpy, Tableau, Streamlit. Achieved 93% accuracy in sales forecasting using CNN and ARIMA time series analysis. Launched an interactive sales forecasting interface on Streamlit. Conducted data analysis, revealing critical insights into weekly sales patterns and presented a Tableau report.
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.
Digitization and analysis of invoices Python, Machine Learning, NLP, OCR, Tableau, Git. Lead a team of five interns for developing a machine learning algorithm using NLP and OCR achieving 92% accuracy in transforming non-searchable documents into searchable formats. Conducted extensive testing on a dataset of over 20,000 invoices to ensure the accuracy and robustness (Project sponsored by Gauss and Reimann Scientific).
Social Media App - Pixagram — Java, Java Swing, SQLite, Apache Maven, Eclipse, JUnit, Git. Created a software metrics tool that can be used to calculate critical software metrics such as Functional Point Analysis, Use-Case Points and Software Maturity Index. It gives the user the option of creating projects, creating and editing multiple metrics at a time.

CERTIFICATIONS AND EXTRACURRICULARS

- AWS Certified Cloud Practitioner (expires on 04/2025).
- Graduate Teaching Assistant at California State University, Long Beach (06/2021 - 12/2022) : Mentored 200+ students in Data Structures and Algorithms in Python and Digital Logic and Assembly Programming.