

# Kashmira Lokhande

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## SUMMARY

Software Engineer with **3 years** of experience building scalable, high-performance applications. Skilled in optimizing system reliability, streamlining workflows, and driving cross-team collaboration to deliver high-impact software solutions.

## EDUCATION

**Master of Sciences in Computer Science**, California State University, Long Beach (GPA: 3.8) **12/2022**  
**Bachelor of Engineering in Computer Science**, Dr. Babasaheb Ambedkar Marathwada University (GPA: 3.5) **06/2019**

## EXPERIENCE

**Software Engineer | Mouri Tech, Los Angeles, CA, USA (Remote)** **01/2025 – Current**

- Enhanced payroll app for Trinet using **Python, Django** and **React**, improving payroll processing speed by 40%.
- Developed tax setup modules using third-party services, automating compliance for 50+ jurisdictions.
- Implemented path-based routing in a shared-space microservices architecture, integrating **Tastypie** to direct incoming requests to the correct backend services based on URL paths.
- Created exception workflows to generate 100+ on-demand reports, streamlining payroll discrepancy resolution.
- Built **GraphQL** queries and mutations with Django **ORM** models, creating a clear and type-safe data schema.
- Increased test coverage through integration and E2E tests by 20%, enhancing system reliability.
- Optimized codebase by refactoring 500+ legacy modules, improving code quality and maintainability.

**Python Developer | Feuji, Los Angeles, CA, USA (Remote)** **08/2023 – 12/2024**

- Developed core payroll features for client Trinet using Python, Django and React, enhancing data processing efficiency and ensuring scalable, reliable deployment.
- Integrated a **gRPC** facade into a **microservices** architecture, managing **protobuf** files to optimize communication between services.
- Deployed secure **RESTful APIs** with **OAuth 2.0**, handling 1,000+ requests per second across multiple services.
- Collaborated on data fixes and error monitoring with **Sentry** and **Datadog**, reducing downtime by 40%.
- Worked with cross-functional teams to improve performance, and maintain coding standards through reviews.

**Associate Software Engineer | Xoriant Solutions, Pune, MH, IN** **07/2019 - 02/2020**

- Developed an Employee Management Dashboard using **Angular** for timesheets, tasks, and admin reporting.
- Engineered robust **RESTful APIs** using **Node.js** to support data exchange for employee records, payroll, and reporting.
- Optimized **MySQL** queries to manage sensitive employee information, reducing database response times by 30%.
- Integrated D3.js for data visualization, successfully showcasing interactive charts and dashboards.
- Used **GitHub** for version control and integrated the codebase with **Jenkins**, streamlining CI/CD pipelines.

## PROJECTS

### Retail Market Analysis

Technologies: Python, Machine Learning, TensorFlow, Pandas, Numpy, Tableau, Streamlit.

Achieved 93% accuracy in sales forecasting with CNN and ARIMA. Launched an interactive sales forecasting interface on Streamlit. Conducted data analysis, unveiling insights into weekly sales patterns and presented a Tableau report.

### OCR-Based Invoice Data Extraction & Analytics

Technologies: Python, Machine Learning, Scikit-learn, NLP, OCR, Tableau, Git.

Developed an algorithm achieving 92% accuracy for data extraction and document searchability for invoices. Implemented OCR techniques for precise text and table extraction, seamlessly integrating with Tableau.

## SKILLS

**Programming Languages:** Python, Java, SQL, Bash/Shell Scripting.

**Web Development:** HTML, CSS, PHP, Javascript, Typescript, AngularJS, ReactJS, Node.js, Express.

**Core:** Django, Flask, REST API, SOAP, Microservices, Distributed Systems, TCP/IP, HTTP, Docker, Kubernetes.

**Databases and Cloud:** MySQL, GraphQL, PostgreSQL, MongoDB, NoSQL, Redis, AWS, Azure, DataDog, GCP.

**Machine Learning & Tools:** TensorFlow, PyTorch, Scikit-learn, NLP, OCR, OpenCV, Jenkins, GitHub, ORM, Terraform, CI/CD.