

# KISHEN SHARMA

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## PROFESSIONAL EXPERIENCE

### Open-Source Developer | Sktime

Mar 2024 – Oct 2024

Remote

- Reduced user-reported issues 20% by decoupling sktime's GridSearch from scikit-learn, streamlining hyperparameter tuning across regression & classification workflows.
- Implemented an AutoML MultiplexerRegressor that auto-selects among state-of-the-art time-series regressors with GridSearch-based hyperparameter tuning, cutting model-selection time by 30%.

### Data Scientist | Acorn Analytics Inc.

Aug 2020 – Mar 2021

Remote

- Ran 10K Monte Carlo trials in a Markov-chain framework to generate hiring ranges & risk bands; briefed executives & standardized a repeatable template later reused for Q1 & Q2 headcount planning.
- Built Python scripts for data encryption & MySQL queries for feature extraction within AWS ETL pipelines, then analyzed outputs to deliver insights to C-Suite executives, generating \$140K in new business opportunities.

### Staff Consultant | Celerity Consulting Group

Mar 2016 – May 2018

Los Angeles, CA

- Led a team of 5 analysts, improving project burn rate by 18% through strategic planning, delivered weekly Tableau dashboards to non-technical stakeholders for data-driven decision-making.
- Collaborated with the client's Data Science team to implement a logistic regression fraud-detection model, resulting in \$250,000 cost savings.

## PROJECTS

### Inbox Zero AI Assistant | [github.com/ksharma6/inbox\\_zero](https://github.com/ksharma6/inbox_zero)

May 2025 – Aug 2025

- Architected OpenAI agents with LangGraph tool-calling that auto-triages Gmail threads, summarizes context, & drafts replies. Added Slack human-in-the-loop approvals & safety guardrails, cutting email response time by 35%.
- Built integrations with Gmail & Slack Bolt (interactive actions/modals); defined tool schemas & prompt contracts to bind model outputs to executable actions; implemented state management for deterministic, resumable runs.
- Productionized as a Flask service with modular routes & environment scoped secrets, enabling end-to-end automation while preserving human oversight resulting in 0 email mis-sends.

## SKILLS

**Software Engineering:** Python, SQL, Flask, RESTful APIs, API Design, Testing

**AI/ML:** LangGraph, OpenAI, PyTorch, Scikit-Learn, OpenCV, HuggingFace, Pandas, Numpy

**Cloud & DevOps:** AWS, GCP, Git, Linux

## EDUCATION

### Professional Development | Stanford University

Jan 2022 – Feb 2024

- Audited graduate-level CS courses: CS229 Machine Learning, CS224N NLP with Deep Learning, CS231N CNN for Visual Recognition

### University of California, San Diego

June 2015

- Bachelor of Arts, Cognitive Science