Kishan Patel

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Technical Skills

Languages: **Python**, **SQL**, **JavaScript**
Frameworks: **Flask**, **Django**, **React.js**, **Spring Boot**
ML: **TensorFlow**, **PyTorch**, **scikit-learn**, **Keras**, **Pandas**, **NumPy**
Cloud/DevOps: **AWS** (EC2, RDS, S3, Lambda), **Docker**, **Kubernetes**, **Git**, **GitHub Actions**, **Jenkins**
Databases: **MySQL**, **PostgreSQL**, **MongoDB**, **Redis**

Professional Experience

Web Developer, Women of Color On The Move   **March 2024 – Present**
Remote, USA

- Led end-to-end web development and maintenance for the organization's public-facing website, improving performance and accessibility by **40%**.
- Implemented custom donation and membership integrations using third-party APIs and dynamic components, increasing user engagement by **35%**.
- Composed interactive content sections for events, mental health classes, and grant initiatives using modern front-end practices, boosting content visibility by **50%**.
- Optimized UI/UX for responsiveness, load speed, and accessibility, leading to a **30% increase in traffic** and **25% longer session durations**.
- Collaborated with leadership to align digital strategy, reducing the turnaround time of Web update by **60%**.

Software Developer, Envisage Infotech   **December 2021 – August 2022**
Ahmedabad, India

- Migrated a client's web app to AWS (EC2, RDS) using Flask, achieving zero downtime and cutting hosting costs by **20%**.
- Engineered a predictive analytics model with **Python** and **scikit-learn**, improving data-driven decisions by **90%** accuracy.
- Developed an **AI-powered anomaly detection system**, reducing system errors by **30%**.
- Automated **CI/CD workflows** with **GitHub Actions**, boosting deployment speed **50%** and system reliability.
- Integrated ML-based features with cross-functional teams, increasing customer engagement by **25%**.

Software Developer, V.M.J. Software Pvt. Ltd.   **June 2020 – December 2021**
Ahmedabad, India

- Enhanced web app performance by **40%** using **asynchronous programming** and **Django ORM optimization**.
- Built RESTful APIs to streamline external integrations, reducing manual processing by **80%**.
- Increased **test coverage** from **60%** to **95%** using **PyTest**, improving code reliability and maintainability.
- Led a **database optimization** initiative, cutting query response times and improving user experience.
- Partnered with front-end teams to integrate APIs, solve problems and accelerate delivery by **30%**.

Projects

Health Club Management System   [**SpringBoot**, **ReactJS**, **MySQL**, **AWS**]

- Delivered REST APIs and microservices on AWS, supporting **10K+** simultaneous users with load balancing.
- Built a **3-tier distributed system** with features like **class scheduling**, **member check-in/out**, and an **analytics dashboard**, improving operational efficiency.
- Secured **user authentication and authorization** using **Spring Security**, managing over **1,000 users**.

Sales Forecasting System   [**Python**, **scikit-learn**, **pandas**]

- Created sales forecasting models using Random Forest and Gradient Boosting, improving accuracy by **10%**.
- Achieved **92% model accuracy** with **Random Forest** and **Gradient Boosting algorithms**.
- Reduced the **mean absolute error (MAE)** by **15%** over baseline models, improving resource allocation and planning.

Education

Campbellsville University   **July 2023 – March 2025**
MS in Computer Science   GPA: **3.9/4.0**
Gujarat Technological University   **August 2017 – July 2021**
BE in Computer Engineering   GPA: **3.85/4.0**