

Jainish Shah

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EDUCATION

California State University, Fullerton, California
Master's (M.S.) | Computer Science | **GPA:** 3.96/4.0

Aug 2023 - Dec 2025

SKILLS & CERTIFICATIONS

Languages: Kotlin, Java, Python, Go, C++, JavaScript

Frameworks: Jetpack Compose, Material Design, Flask, FastAPI, Django, React, Node.js, PyTorch Scikit-Learn, JUnit

Cloud and DevOps: Docker, Kubernetes, Terraform, Redis, Git, CI/CD, AWS, Jenkins, GCP, Linux

Databases: MongoDB, MySQL, PostgreSQL, Oracle, AWS RDS, AWS DynamoDB

Tools: Figma, Jira, Trello, Confluence, BitBucket, Slack, Android Studio, PostMan, VS Code, Eclipse

WORK EXPERIENCE

Teaching Associate | California State University | Fullerton, California

Aug 2024 - May 2025

- Improved student proficiency in backend and AI application development by teaching Python, Flask, REST APIs, and machine learning fundamentals.
- Mentored 40+ students on Agentic AI workflows, prompt engineering, and integrating AI/LLM tools such as LangChain and OpenAI APIs into full-stack systems.

Senior Software Engineer | Intellect Design Arena | Mumbai, India

Oct 2019 - Aug 2023

- Enhanced app modularity and performance by migrating enterprise banking apps from MVC → MVVM using Kotlin, Jetpack Compose, and Material Design.
- Developed light ML-driven reporting utilities with Python & Scikit-learn to enhance operational intelligence and automate recurring analytics workflows.
- Improved performance with Retrofit + Coroutines for networking and Room for offline persistence across multi-module builds.
- Strengthened reliability via JUnit/Espresso automation and CI/CD (Jenkins), reducing production defects and release rollbacks.
- Collaborated with data, AI, and product teams to align model outputs with business metrics for improved decision automation.
- Led a 7-member AMC team resolving 500+ post-Go-Live issues during COVID, earning a GEM Award among 200+ developers for data-driven stability.

Software Engineer | Intellect Design Arena | Mumbai, India

Aug 2018 - Sep 2019

- Built scalable components using Java, Spring Boot, REST APIs, and JDBC/Hibernate, improving response times by 20%.
- Designed automation scripts and ML-assisted reporting utilities in Python and Scikit-learn to enhance operational intelligence.
- Implemented Selenium + JUnit testing and Jenkins pipelines, cutting manual QA effort by 40% and increasing release reliability.
- Collaborated with cross-functional teams to integrate predictive data modules and support early adoption of dashboards.

Android Developer Intern | NarayanKrupa Tenstones Pvt. Ltd. | Ahmedabad, India

Jul 2017 - May 2018

- Built native Android applications using Kotlin, XML, and Android Studio, ensuring seamless UX across multiple device types.
- Delivered authentication, push notifications, and offline caching modules, improving reliability by 30% across releases.
- Integrated Firebase (Realtime DB, Analytics, Crashlytics) to capture usage metrics and optimize stability.
- Optimized network calls with Retrofit and OkHttp, reducing API latency by 25% and supporting early data-driven insights.

PROJECTS

Attendance Tracker | Tools – [Github](#), [Document](#), Python, Flask, AWS RDS, PostgreSQL, Docker

- Conceptualized and implemented a web-based Attendance Tracker with face recognition, utilizing Python, Flask, Vanilla CSS, AWS RDS, PostgreSQL, Docker, and Azure for seamless backend deployment and cloud integration.

Wellgorithm | Tools – [Streamlit](#) Python, Supabase, Groq, Llama-3, PDFPlumber

- Built an Agentic AI-powered healthcare platform that processed 300+ medical reports for users through a multi-model architecture, integrating autonomous reasoning, secure authentication, in-context learning, and 20MB PDF parsing for accurate clinical data extraction and analysis.

Crime Classification Model | Tools – [GitHub](#), Python, PySpark, ML Pipelines

- Built a crime categorization system using Python, PySpark, Spark ML Pipelines, and Microsoft Visual Studio, training a model on 39 crime categories. Automated officer assignments with ML, optimizing law enforcement resource allocation