

# Jeel Kakadiya

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## SUMMARY

MS Information Technology student at Arizona State University (graduating May 2026) with 3 software development internships. Backend-focused: Python (FastAPI, Flask), Node.js, TypeScript, React, and AWS (Lambda, API Gateway, RDS, S3). Experienced in designing and deploying APIs, automating data pipelines, and building event-driven, cloud-native systems using Kafka, Docker, and CI/CD (Jenkins, GitHub Actions) to deliver reliable, production-ready solutions.

## EDUCATION

### Arizona State University

Master of Science in Information Technology – GPA: 3.98

Tempe, AZ, USA

Aug 2024 – May 2026

### Gujarat Technological University

Bachelor of Science in Information Technology – GPA: 3.75

Gujarat, India

Jun 2020 – Jun 2024

**Certification:** AWS Academy Graduate – Data Engineering (2024)

## WORK EXPERIENCE

### Cypress Bridge Group, LLC

Software/Web Development Intern

Remote, AZ, USA

Jan 2026 – Present

- Implemented user-facing features and backend endpoints using React/Next.js and Node.js, Django, and Flask across web applications.
- Orchestrated ETL workflows to replace manual CSV imports by ingesting official government datasets into Supabase, improving data refresh speed by 70%.
- Implemented role-based access control for reports using Supabase authentication with JWT-based session management.

### Arizona State University

Software Developer Intern

Tempe, AZ, USA

May 2025 – Present

- Implemented event-driven data processing workflows using Kafka to improve system throughput and fault tolerance for analytics pipelines.
- Designed and deployed APIs using Python (FastAPI) and Node.js on AWS to automate reporting pipelines processing 100K+ records per day.
- Developed a serverless transportation system with TypeScript, React, and AWS Lambda supporting scheduling and real-time tracking for 500+ campus users.
- Standardized deployment using Docker, Jenkins, and GitHub Actions, reducing release overhead and improving deployment reliability.

### VBI Infotech

Software Developer Intern

Surat, India

Jan 2024 – Aug 2024

- Created the initial relational database schema for an internal reporting module, covering 8–10 core entities and reducing query latency by 30%.
- Built backend functionality using Python and FastAPI to support application features such as data retrieval, filtering, and reporting.
- Added data ingestion and processing logic to handle periodic updates, enabling reliable storage and access to structured data.

## PROJECTS

### Resume.ai

Jan 2025 – Present

- Built an AI-powered resume analysis platform with a FastAPI backend and a React + Tailwind CSS frontend.
- Developed NLP pipelines for keyword extraction and relevance scoring using BERT and TF-IDF to provide targeted resume feedback.
- Scaled backend services using PostgreSQL and Redis to support 500+ concurrent analyses while maintaining low response latency.

## SKILLS

**Primary:** Python, FastAPI, Flask, Node.js, TypeScript, JavaScript, React.js, Next.js, PostgreSQL, Redis, AWS (EC2, Lambda, S3, RDS, API Gateway), Docker, Kafka, CI/CD (Jenkins, GitHub Actions), Linux/Unix

**Additional:** Java, C++, C#, Go, Express, Spring Boot, MySQL, MongoDB, SQLite, GCP (BigQuery, Cloud Storage), Kubernetes, Terraform

**Tools & Practices:** REST APIs, GraphQL, WebSockets, gRPC, Postman, Swagger/OpenAPI, Agile/Scrum, Testing (PyTest, JUnit, Selenium), Debugging, Documentation, Code Reviews, Jira, Confluence