

KEVIN DANIEL

Software Engineer

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TECHNICAL SKILLS

Backend: Python, FastAPI, REST API, MongoDB, MySQL, PostgreSQL, Node.js, SQLAlchemy, Pandas

Cloud & DevOps: AWS (Lambda, S3, SQS, API Gateway), Docker, Linux, Git, CI/CD, Serverless Architecture

API Development: RESTful APIs, Rate Limiting, Async/Await, httpx, JWT Authentication, Batch Processing

Frontend: React, JavaScript, TypeScript, Next.js, HTML, CSS, Tailwind CSS

PROFESSIONAL EXPERIENCE

Software Engineer – mFilterIt

August 2023 – Present | Bangalore, India

Brand Infringement – Takedown Automation System

- Architected serverless automation system processing 100+ CSV/Excel files daily from S3, handling bulk ticket creation and closure workflows with AWS Lambda, API Gateway, and dual-database operations (PostgreSQL, MySQL)
- Built production-grade REST APIs with rate limiting using httpx async/await, processing 1000+ tickets per batch with comprehensive error handling, input validation, and automated retry mechanisms
- Developed analytics dashboard APIs featuring real-time data visualization with dynamic graphs and bar charts.

Ticketing System

- Designed dual-access ticketing platform with RBAC, automated email notifications, bulk operations, and secure JWT authentication
- Implemented S3 presigned URLs for secure file upload/download with time-limited access preventing unauthorized sharing.
- Built file validation pipeline with automated alerting and comprehensive audit logging for compliance tracking

Identity Scan – BFSI Digital Validation

- Deployed REST APIs using FastAPI and AWS Lambda processing 10,000+ daily requests with 99.9% uptime for fraud detection and financial indicator analysis
- Reduced verification processing time by 60% implementing async workflows with SQS and MongoDB aggregation pipelines with automated PDF/Excel report generation
- Integrated API Gateway for request throttling, security, and rate limiting middleware preventing API abuse

Automation Hub – DevOps Platform

- Built full-stack platform with React, TypeScript, Python, FastAPI, and MongoDB for workflow automation and cloud monitoring
- Reduced DevOps overhead by 40% through automated monitoring, real-time alerts, and comprehensive audit logging

PROJECTS

Resume Compatibility Checker – React, TypeScript, TailwindCSS, Python, FastAPI, OpenRouter API

- Full-stack application with production REST APIs for resume analysis using hybrid ML algorithms achieving 85% accuracy with asynchronous endpoints and rate limiting

Task Management App – React, TypeScript, TailwindCSS, Firebase

- Feature-rich app with drag-and-drop, Google OAuth, real-time data synchronization, and multiple view modes

Instagram Clone – React, JavaScript, Python, FastAPI, MySQL

- Full-stack social media application with JWT-secured RESTful APIs for authentication, posts, comments, and CRUD operations

EDUCATION

Bachelor of Technology – Computer Science

Karunya Institute of Technology and Sciences, Coimbatore | July 2019 – May 2023