

# Anubhav Sharma

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## PROFESSIONAL SUMMARY

Software Engineer with 8+ years of experience spanning backend development, API engineering, and automation for large-scale, event-driven financial systems. Strong hands-on experience in Python, Java, and cloud-native development, with proven ability to design frameworks, build backend services, validate data pipelines, and collaborate closely with product and engineering teams. Currently supporting LPL Financial systems and seeking a Python / Java Software Engineer role aligned with backend development and system design.

## CORE TECHNICAL SKILLS

Languages: Python, Java, TypeScript, JavaScript, SQL, C#

Backend & APIs: Django, Flask, Spring Boot, .NET Core, RESTful APIs, Kafka

Databases: PostgreSQL, DynamoDB, MongoDB, Redis

Cloud & DevOps: AWS (EKS, S3, Lambda, DynamoDB), GitHub Actions, Jenkins, Docker, CI/CD

Architecture: Microservices, Event-Driven Systems, Domain-Driven Design

Testing & Quality: PyTest, JUnit, Selenium, API Automation, Integration Testing

## PROFESSIONAL EXPERIENCE

**Altimetrik (Client: LPL Financial) – Dallas, TX**

**Senior Software Development Engineer**

**May 2023 – Present**

**Backend & Platform Engineering Contributions**

- Contributed to the design and validation of a greenfield Participant System of Record (PSOR) built on event-driven microservices architecture.
- Developed Python-based API automation and data validation layers for services backed by PostgreSQL, DynamoDB, Redis, and Kafka.
- Partnered with backend engineers to validate and debug .NET Core and Java-based services, ensuring correctness of service contracts and business workflows.
- Supported onboarding of 1.3M+ Prudential and 20K+ Atria clients, validating high-volume data pipelines and service integrations.
- Integrated backend validation and test execution into GitHub Actions CI pipelines, deployed on AWS EKS.

### API Modernization & Migration

- Validated migration from legacy TIBCO services to modern .NET Core / Java APIs, identifying integration defects early.
- Built reusable Python and Java test utilities for backward compatibility and performance validation.

## **Fee Billing Platform**

- Contributed to backend validation of Advisor-Based Pricing logic, ensuring accuracy of complex financial calculations.

## **Accenture**

### **Software Engineer / Automation Team Lead**

**Nov 2014 – Dec 2020**

- Designed and developed Python (Django/Flask) and Java-based tools to support enterprise automation and reporting.
- Built internal web applications using ReactJS, VueJS, Django, and Apache Spark to reduce operational overhead.
- Developed REST APIs and backend services to support automation dashboards and analytics platforms.
- Led and mentored cross-functional teams, serving as SME for backend automation and API testing.

## **SELECTED PROJECTS**

### **End-to-End Image Classification Platform**

- Built a complete ML-backed web application using Python, Flask, and TensorFlow.
- Implemented REST APIs for image upload and real-time prediction with confidence scores.

### **Investment & SIP Calculator**

- Developed backend business logic using Django to calculate compound interest, returns, and growth projections.
- Integrated charts and visual analytics for financial insights.

### **High-Volume Migration Data Validator**

- Engineered a data validation platform using Python and Apache Spark to process millions of records.
- Designed backend pipelines and UI dashboards to surface validation metrics.

## **EDUCATION**

University of Texas at Arlington

Master of Science – Intelligent Systems | GPA: 3.9 / 4.0