

SAHIL FRUITWALA

Full Stack Developer
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of specialized experience in Django REST APIs and React applications. Delivered scalable, high-performance solutions adopted by cross-functional teams, driving efficiency and innovation. Proven track record of optimizing application performance, reducing technical debt, and implementing test-driven development practices with 95%+ code coverage. Skilled in designing scalable solutions and collaborating with cross-functional teams to deliver high-impact results.

TECHNICAL EXPERTISE

Primary Tools: Python, JavaScript, Django, React.js, Pytest, Jest, React Testing Library, Git, MySQL (ORM)

Project Experience: Express.js, CI/CD, Raw SQL

Additional Stack: FastAPI, MongoDB, Angular, TypeScript, GitHub Actions

Interested Tech: Go, AWS, Blockchain

PROFESSIONAL EXPERIENCE

Software Engineer 2

February 2022 - Present

Ciena Corporation | Remote

- Designed scalable Django REST APIs to handle 1000+ daily requests, leveraging query optimization and caching to achieve a 40% faster response time.
- Refactored legacy Django APIs to enhance maintainability, streamline workflows, and reduce development bottlenecks by 35%.
- Built reusable React components adhering to atomic design principles, boosting reusability by 50% and simplifying client data management.
- Achieved 95%+ test coverage using Pytest for Django APIs and Jest/React Testing Library, ensuring high-quality, reliable code.
- Partnered with product stakeholders to define requirements and deliver custom solutions, enhancing performance and user experience.
- Streamlined database operations by refining Django ORM queries and integrating raw SQL, reducing query execution times by 40%.
- Designed and implemented CLI tools for automated data import from Google Sheets to MySQL database, reducing manual data entry time by 75%.

Information Technology Developer 2 (CS 2)

December 2020 - February 2022

Canada Revenue Agency | Remote

- Built and integrated RESTful APIs using Node.js/Express to connect Azure Bot Framework with Amazon Connect.
- Developed a custom Contact Control Panel using Angular, integrating with AWS Lambda and S3, reducing operational costs by 40%.
- Conducted comprehensive analysis of AWS and Azure services for Live Chat and Chatbot implementation, leading to optimal service selection and architecture design.
- Created and demonstrated a sentiment analysis prototype using React.js and Flask, utilizing Natural Language Processing (NLP) libraries such as scikit-learn and TextBlob to analyze multi-platform social media data for strategic decision-making.
- Led research initiatives in Fake News Detection, developing innovative approaches to content verification.
- Maintained and enhanced legacy chatbot systems, improving reliability and user experience while reducing error rates by 30%.