



## PROFILE

Highly skilled Software Engineer with 5+ years of experience building quality software applications at scale. Strong communicator and problem-solver with a track record of delivering robust and extensible infrastructure. Experienced in working with complex federal & agency regulations in financial and healthcare sectors.

## CONTACT

### PHONE:

(732)-682-0887

### WEBSITE:

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## SKILLS

### Languages:

Python, Java, C, C#, C++, Go,  
HTML/CSS, Javascript

### Frameworks/Libraries/Toolsets:

FastAPI, Flask, Spring, numpy, pandas,  
fastai, PyTorch, opencv, Jupyter,  
MATLAB

### Database/ORM:

Oracle, MongoDB, PostgreSQL,  
Elasticsearch, Hibernate

### Cloud/Infrastructure:

Docker, Kubernetes, Helm, AWS, GCC

## HOBBIES

Visual art (painting, drawing,  
ceramics), recording music (guitar,  
piano, singing), hiking, nature, travel

# FIRAS SATTAR

SOFTWARE ENGINEER

## EDUCATION

### Rutgers University – New Brunswick, School of Arts and Sciences

Bachelor of Science in Computer Science – Mathematics Minor  
Sept. 2012 – May 2016

## WORK EXPERIENCE

### Freelance Work

October 2024 – Present

- Mentoring on **codementor.io** and tech consulting for **Danni Pose Studios**

### Principal Product Support Engineer, Feathr Inc.

October 2023 – October 2024

- Feature development, hotfixes, enhancements for nonprofit marketing software. Part customer success, part software engineering.

### Fin3 Technologies Inc., Blockchain Engineer

March 2022 – July 2022

*Fin3 is a startup focused on connecting banking cores with blockchains. Their Blockchain Interface System (BIS) allows customers to seamlessly convert traditional currency to tokenized stablecoin for transacting on the blockchain.*

- Orchestrated integration of banking software with payment networks like Stellar and Provenance, collaborating with third-party development teams to meet strict regulatory requirements.
- Built a robust framework for custodial wallet management to handle secure creation and cycling of keys.
- Automated and enhanced CI/CD flows using GitHub Actions and the like.

### IBIS Inc., Software Engineer

Nov 2017 – March 2022

*IBIS specializes in medical imaging solutions, primarily in the regulated Clinical Research space. Using a robust clinical data management platform, IBIS provides high-end data management solutions to the life sciences/healthcare communities.*

- Conducted research and development on medical image de-identification, resulting in securing a \$400,000 grant. **(SBIR 411 and 427)**
- Developed AI-powered anonymizer for DICOM medical images, facilitating HIPAA-compliant use of data in cancer research applications.
- Created containerized Python application for secure medical data transmission and retrieval using Elasticsearch, meeting sub-second performance requirements.
- Contributed to successful audit through system testing and validation efforts. **(21CFR Part 11)**

### IDT Corporation (Products and Services Platform), Software Engineer

Jul. 2016 – Nov 2017

*The Products and Services Platform (PSP) is responsible for 47% of IDT revenue. As a member of the development team supporting PSP:*

- Created configurable call simulators for testing flagship calling app Boss Revolution Mobile (BR Mobile).
- Developed a Java application to assess customer call, data, and SMS eligibility based on standing and initiate account status changes.
- Built a full-stack account management application (WebAdmin) using React.js.