

# SHIVANI GADE

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## EXPERIENCE

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### Bank of New York Mellon

Woodland Park, NJ

Specialist Backend Developer

August 2019 - Present

- Developing and overseeing migration of financial message transformation applications to **Greenfield and Evergreen** architecture, using **Ansible, Jenkins, Maven, IIB, Git**.
- Developing SWIFT message transformation projects using web services, **APIs**, **VOLANTE**, **Java**, **IBM WebSphere MQ**, and **IIB Integration** allowing for customized and **SWIFT** compliant messages(MT, MX, COBOL COPY BOOK) for clients.
- Managing and supporting Swift Translator and Provide transformation libraries.
- Overseeing development for ISO20022 message transformations to implement new changes.
- Developing and maintaining yearly SWIFT releases for message transformation projects.

### State Street

Princeton, NJ

Software Development intern

June 2018 - August 2018

- **Maintained and refactored new and existing code** with an emphasis on quality and re-usability using **Spring boot** and **Java** to connect **Hadoop**(Hbase,Hive) database with front-end.
- Developed front-end in **React** for existing project for better projection & usage of underlying internal tools and services.

### iNautix Technologies (A BNY Mellon Company)

Pune, India

Application Developer

Dec 2014 - Aug 2017

- Developed SWIFT message transformation projects along with four other team members using web services, **VOLANTE**, **Java**, **IBM WebSphere MQ**, and **IIB Integration** allowing for customized and **SWIFT** compliant messages(MT, MX, COBOL COPY BOOK) for clients.
- Designed(wireframes) and built front-end and back-end of the internal configuration storage system using **Java**, **Spring**, **Pub-Sub Model** and **CAMEL Framework**, **Bootstrap**, **AngularJS**, **JavaScript**, **CSS**, **HTML**, **REST Services** and **Oracle Database** to create an automated system and replace a manual function.
- Supported **production environment**, deployments, **feature and product releases** and **QA** testing.

## TECHNICAL SKILLS

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**Programming Languages:** Java (Core and J2EE), Python, JavaScript **Software/Web Development:** HTML, CSS, Web Services, JSP, JSON, hybrid app development, Pub-Sub Models, XML, XSD, Volante, IBM Websphere MQ, RESTful Web Services, API development, AngularJS **Database(s):** Oracle, SQL Server, MySQL, Firebase **Frameworks:** Spring, AngularJS, Ionic, React Native **DevOps:** Git, Harvest SCM, Jenkins, Ansible **Product Management:** Jira, Confluence, Agile SD (Scrum) **Product Design:** UI Design, Paper prototyping, usability testing, prototyping using Proto.io, inVision, Sketch, wireframing, Design Thinking, Proof of Concepts. **Software Testing:** JUnit, Selenium **MISC:** Bash (Shell) scripting, Scalable application development, Agile methodology, SCRUM, Kafka, Zookeeper, Client-side and business wide communications, WebSphere MQ, and SWIFT messaging, C,C++, Relational Databases, HTTP, Algorithm Design, Object Oriented Programming, Unix/Linux, Greenfield architecture design.

## EDUCATION

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### Harrisburg University

Master of Science (MS) in Information System and Engineering Management

New York, NY

July 2022 - Present

### Pace University, Seidenberg School of CSIS

Master of Science (MS) in Computer Science | GPA: 3.79

New York, NY

May 2019

### Priyadarshini Institute of Engineering and Technology

Bachelor of Engineering (BE) in Computer Science | GPA: First Class

Nagpur, India

June 2014

## ADDITIONAL EXPERIENCE

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### Pace University

Computer Science Tutor

New York

Sep 2018 - Present

Graduate Assistant

Jan 2018 - Present

## ACADEMIC PROJECTS

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### Product Development Project(React Native, Python, Proto.io, Kafka, Microservices,Node) 2018 - 2019

- Working with Aalto Design Factory, Finland in a multidisciplinary team to develop a product prototype for Pexraytech, Finland.
- Researching, designing (Event Driven Architecture) SDLC and developing [portable X-RAY machine solution](#), serving as the **full-stack developer and software team lead**.

### BSocial (Ionic, HTML, CSS,JavaScript, Firebase, Google APIs)

2018

- Designing and developing a **hybrid mobile application** in **Ionic framework** for social idea voting where people submit and vote ideas; at the end of each quarter, top idea is selected for development.

### FinAssist- A Revolutionary Step (Java, XML, RESTful Web Services, Blockchain/Multichain)

2018

- Developing a web application which transact using Blockchain/Multichain technology and a Chatbot to assist in finance related questions.
- Chat bot will have analysis and forecasting capabilities and will also generate financial reports.

## ACHIEVEMENTS AND PARTICIPATION

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- Certified Enterprise Blockchain Architect (CEBA), **Ongoing**
- Civic Engagement Award, Seidenberg School of CSIS, Pace University, 2019
- [Pace Mobile Application Design Contest \(Winner\)](#), 2018
- Grace Hopper [Scholar](#), 2018
- Student and Faculty Research Day (Participation and Presentation), 2018
- [The Fourteenth Annual Pace Pitch Contest \(Finalist\)](#), 2018
- Internal Financial Markets Training, BNY Mellon, 2015

## VOLUNTEER

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### Sunflower Women in Tech Hackathon, Pace University

Pillar Lead, NJ Chapter, Women in Technology, BNY Mellon

2020

2020 - Present