

Shivani Gade

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EXPERIENCE

Bank of New York Mellon

Jersey City, NJ

Specialist Developer, VP

August 2019 - Present

- Developing and leading financial message transformation applications to Greenfield, using **Ansible, Jenkins, Maven, IIB, Git**.
- Developing SWIFT message transformation projects 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.
- Leading development for ISO 20022 message transformations to implement the 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 optimized 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 **ReactJS, Node** for existing project for better projection & usage of underlying 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

Programming Languages: Java (Core and J2EE), Python, JavaScript **Software/Web Development:** HTML, CSS, Web Services, JSP, JSON, hybrid app development, Pub-Sub Models, Bash(Shell) scripting, XML, XSD, Volante, IBM Websphere MQ, RESTful Web Services, API development, AngularJS **Database(s):** Oracle, SQL Server, MySQL, Firebase **Frameworks:** Spring, Camel, 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:** Scalable software/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

EDUCATION

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 June 2014

Nagpur, India

ADDITIONAL EXPERIENCE

Pace University

New York

Computer Science Tutor

Sep 2018 - Present

- Assisting graduate and undergraduate students in Java, HTML, CSS, JavaScript, Databases, **Data structures and Algorithms**.

Graduate Assistant

Jan 2018 - Present

- Managing and leading** programming workshops on **HTML5, CSS, JavaScript, Android, Git, Github, Eclipse, Python**.
- Arduino Lilypad:** Designing and coding wearable for educational purpose. Organizing Arduino Fashion and Tech Workshops for team.
- Teaching assistant for undergraduate **Software Engineering** course.

ACADEMIC PROJECTS

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.

Saurakshak: Safety Dress for Women (Arduino LilyPad, NFC)

2017

- Developed a safety device to embed within clothing pieces for women using Lilypad Arduino circuits and NFC tags, which enables women to rapidly press the device in unsafe situations.

ACHIEVEMENTS AND PARTICIPATION

- Civic Engagement Award, Seidenberg School of CSIS, Pace University
- [PACE Mobile Application Designing 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