

# ABHISHEK SHAH

📍 Jersey City, NJ    📞 585-351-9899    ✉ [abhishekshah3010@gmail.com](mailto:abhishekshah3010@gmail.com)    🔗 [linkedin.com/in/abhishekshah3010](https://linkedin.com/in/abhishekshah3010)

## WORK EXPERIENCE

### Goldman Sachs

Software Engineer

June 2024 – Present

Jersey City, NJ

- Led project to replace, test, and deploy secure credentials in place of hardcoded passwords across **100+ code repositories**, enhancing security.
- Designed and deployed a data backup pipeline, meeting audit requirements and ensuring **99.9% data integrity**.
- Streamlined workflows using **Java, Python, Shell Script, and SQL**, **reducing downtime by 25%** for federal reporting applications.
- Automated processes, **reducing manual efforts by 40%** and improving team efficiency.
- Facilitated **Agile** sprints, gathering business requirements, engaging stakeholders, and delivering technical solutions.

### General Electric

Software Engineer Co-op

Jan 2023 – Dec 2023

Rochester, NY

- **Reduced system bottlenecks by 40%** using microservices architecture in Node.js.
- Transformed legacy interfaces with **React.js** table components, improving application responsiveness.
- **Accelerated deployment by 2x** with Python scripts and optimized **CI/CD** pipeline processes.
- **Achieved 100% regression test** reliability for a long-range wireless communication system using **Selenium**.
- Enhanced project outcomes by actively engaging in **Agile methodologies** and sprint planning sessions.

### Rochester Institute of Technology

Graduate Teaching Assistant

Jan 2022 – Dec 2022

Rochester, NY

- Mentored **200+ students in Python**, focusing on object-oriented concepts and code reviews.
- Led lab sessions on web technologies like **JavaScript, jQuery, and AJAX** to strengthen practical skills.
- Developed instructional materials to simplify complex topics and enhance student learning.

### QuantBinary.ai

Machine Learning Intern

Sept 2020 – Jan 2021

Amravati, India

- Developed algorithmic trading strategies using **Python** and **C++** for stock trading in the US market.
- Delivered **consistent profitability**, achieving an average **monthly return of 5%** over 4 months.
- Deployed a **FastAPI-based backend**, reducing API response times to under 50ms and streamlined API endpoint integration.

## ACADEMIC PROJECTS

### Podcast Summarizer

Dec 2022

- Built an AWS-based solution for podcast summarization using Keras, achieving 87% accuracy.
- Displayed summaries through a React.js interface, with infrastructure managed via Terraform.

### IMDb Data Engineering and Management

May 2022

- Optimized IMDb's database, improving retrieval speeds by 1.5x and managing data with MongoDB.
- Analyzed data with Apache Spark and Java to derive insights, improving project results by 15%.

## TECHNICAL SKILLS

### Programming Languages

Python, Java, Shell Script, JavaScript, SQL

### Databases

MySQL, PostgreSQL, MongoDB, Cassandra, AWS DynamoDB

### Web Tools & Frameworks

Node.js, React.js, REST, Flask, Django

### Cloud Platform

AWS, Google Cloud, Oracle ERP

### Tools & Technologies

Git, GitLab CI, Docker, Maven, Gradle, Selenium, JUnit

## EDUCATION

### Rochester Institute of Technology, New York

Master of Science in Computer Science

Aug 2021 – May 2024

GPA: 3.74/4

### Sant Gadge Baba Amravati University, India

Bachelor of Engineering in Computer Science

Jun 2016 – Jun 2020

CGPA: 9.11/10