ABHISHEK SHAH

⌖ Jersey City, NJ ☎ 585-351-9899 ✉ shahabhishek3010@gmail.com in linkedin.com/in/shahabhishek3010

TECHNICAL SKILLS

Languages	Python, Java, Shell Script, JavaScript, SQL
Frameworks	Node.js, React.js, Flask, Django
Cloud/DevOps	AWS, GCP, Oracle Cloud, Docker, GitLab CI
Databases	MySQL, PostgreSQL, MongoDB, Cassandra, DynamoDB
Tools	Git, Maven, Gradle, Selenium, JUnit

WORK EXPERIENCE

Goldman Sachs   **June 2024 – Present**
Software Engineer   Jersey City, NJ

- Lead subledger enhancements affecting **10+ teams**, improving reporting reliability and system performance.
- **Manage a team of 5 consultants** to secure credentials and remove hardcoded secrets across internal codebases.
- Automated complex reporting workflows using **Java, Python, Shell, and SQL** in production environments.
- Built a reliable backup pipeline with **99.9% data integrity**, supporting compliance and recovery requirements.
- Reduced downtime by **25%** and manual effort by **40%** through targeted process optimization.
- Facilitate **Agile** sprints and collaborate with cross-functional teams to deliver scalable reporting solutions.

General Electric   **Jan 2023 – Dec 2023**
Software Engineer Co-op   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**.

Rochester Institute of Technology   **Jan 2022 – Dec 2022**
Graduate Teaching Assistant   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.
- Increased average lab attendance by **15%** by redesigning session structure and introducing mini projects.

QuantBinary.ai   **Sept 2020 – Jan 2021**
Machine Learning Intern   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

Content-Based Image Retrieval

- Designed and built an image retrieval platform using **Flask** and **Python** for similarity-based querying.
- Integrated **MongoDB**'s **NoSQL** framework to store vectors, achieving a **5x improvement** in retrieval speed.
- Boosted system performance by **15%** through map-reduce optimization on a three-node **Apache Hadoop** cluster.

IMDb Data Engineering and Management

- 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%.

EDUCATION

Rochester Institute of Technology, New York   **Aug 2021 – May 2024**
Master of Science in Computer Science   **GPA: 3.74/4**

Sant Gadge Baba Amravati University, India   **Jun 2016 – Jun 2020**
Bachelor of Engineering in Computer Science   **CGPA: 9.11/10**