

ABHISHEK SHAH

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TECHNICAL SKILLS

Languages	Python, Java, C++, SQL
Frameworks	Flask, Django, React.js, JavaScript, REST APIs, Microservices
Data	PySpark, Apache Kafka
Cloud/DevOps	AWS, Docker, Kubernetes, Terraform
Databases	MySQL, PostgreSQL, MongoDB, DynamoDB
Tools	Git, Maven, Gradle, Selenium, JUnit

WORK EXPERIENCE

Goldman Sachs Software Engineer	June 2024 – Present Jersey City, NJ
<ul style="list-style-type: none">Drove improvements to subledger enhancements affecting 20+ teams, improving reporting reliability and system performance through platform restructuring, dependency reduction and service level optimization.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 system downtime by 25% and manual effort by 40% through targeted process optimization.Managed a team of 8 consultants to secure credentials and remove hardcoded secrets across internal codebases.Upgraded services from HTTP to HTTPS and legacy transfers to FTPS to improve security and compliance.Facilitate Agile sprints and collaborate with cross-functional teams to deliver scalable reporting solutions.	
General Electric Software Engineer Co-op	Jan 2023 – Dec 2023 Rochester, NY
<ul style="list-style-type: none">Reduced system bottlenecks by 40% using microservices architecture in Node.js.Transformed legacy interfaces with React.js table components, improving application responsiveness.Improved deployment speed 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 Graduate Teaching Assistant	Jan 2022 – Dec 2022 Rochester, NY
<ul style="list-style-type: none">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.	

QuantBinary.ai Machine Learning Intern	Sept 2020 – Jan 2021 Amravati, India
<ul style="list-style-type: none">Developed algorithmic trading strategies using Python and C++ for stock trading in the US market.Delivered consistent profitability, achieving an average monthly return of 2% 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	
<ul style="list-style-type: none">Designed and built an image retrieval platform using Flask and Python for similarity-based querying.Boosted system performance by 15% through map-reduce optimization on a three-node Apache Hadoop cluster.	
IMDb Data Engineering and Management	
<ul style="list-style-type: none">Optimized IMDb's database, improving retrieval speeds by 1.5x and managing data with MongoDB.Analyzed data with PySpark and Java to derive insights, improving project results by 15%.	

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