NAVEED MOHIUDDIN

📞 +1 773-394-9716 | 📧 naveedmohiuddin0311@gmail.com | 🌐 LinkedIn | GitHub | Portfolio

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EDUCATION

Illinois Institute of Technology | *Chicago, IL*
Masters in Computer Science | *Aug 2023 – May 2025*
Osmania University | *Hyderabad, India*
Bachelor of Engineering in Computer Science | *Aug 2018 – June 2022*

TECHNICAL EXPERIENCE

Software Engineer | *Applied Information Sciences (AIS)* | *May 2022 – July 2023*
(*Client: **GEICO Insurance Company -- USA***)

- **Optimized data pipelines** using Azure DevOps and Data Factory, increasing processing efficiency by 30%.
- **Implemented data validation and recovery systems** in Snowflake, maintaining 99% data consistency across 10+ million records
- **Automated workflow deployments** via Confluent connectors, reducing manual intervention by 60%
- **Conducted root cause analysis** and monitoring using Splunk and Databricks, resolving critical issues 40% faster
- **Developed SOPs and knowledge transfer documentation**, accelerating new team member onboarding by 50%
- **Collaborated with cross-functional teams** to deliver data engineering solutions for insurance data processing

Intern & Technical Training – Cloud & RPA | *Applied Information Sciences (AIS)*| *March 2022 – April 2022*

- **Designed and deployed Azure infrastructure** including VMs, Load Balancers, and Virtual Networks
- **Automated business processes** using Microsoft Power Automate, reducing manual tasks by 70%
- **Managed cloud migration projects** and SQL database optimization for improved performance

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PROJECTS   (*For more projects please visit portfolio*)

AWS Multi-AZ Disaster Recovery System | *[GitHub Link]* **|** *AWS, EC2, RDS, VPC*

- **Architected production-grade e-commerce order system** with automated failover and disaster recovery
- **Implemented Multi-AZ RDS setup** with custom VPC, public/private subnets, and NAT Gateway
- **Achieved 99.9% uptime** through automated failover mechanisms and load balancing

Big Data Processing Assignment | *[GitHub Link]* **|** ***Scala, Apache Spark, GCP Dataproc, HDFS, Spark SQL***

- **Implemented data processing** using Apache Spark on Google Cloud Dataproc
- **Executed DataFrame transformations and SQL queries** on CSV datasets using Scala and Spark SQL
- **Performed data joins and filtering operations** demonstrating HDFS storage concepts and Spark DataFrame APIs

ShortNt – AI-Based Summarization Tool (*React.js, Django, Python, BART AI Model, SQLite*)

- Developed a full-stack **web application for text, audio, and YouTube video summarization**
- **Integrated Hugging Face Transformers** and implemented secure JWT authentication with file storage

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TECHNICAL SKILLS & CERTIFICATIONS

Technical Skills

- **Cloud & DevOps:** AWS (EC2, S3, RDS, VPC, Lamda, IAM), Azure (DevOps, Data Factory, VMs), Snowflake, Docker, Git, GitHub, RPA
- **Web & Frameworks:** React.js, Node.js, Express, Flutter, HTML, CSS, RESTful APIs
- **Languages:** Java, Python, C, Dart, Scala
- **Others:** Splunk, Microsoft Office, SQL, MongoDB, SQLite, HDFS

Certifications & Achievements

- **AWS Certified Solutions Architect Associate**, Microsoft Azure Fundamentals **(AZ-900)** Certified
- **Top 5 Finalist** – CSI MJCET Hackathon 2022
- **3rd Place** – AIS Hackathon (Company-wide)
- **CETI Leadership & Technical Program** (16-week training on technical & soft skills)

Additional: Authorized to work in the US | Available for full-time opportunities