

Salman Azeez Syed

Atlanta, GA, 30363

ssyed75@gatech.edu

linkedin.com/in/salman-azeez-syed

github.com/CodeAlpha7

EDUCATION

Georgia Institute of Technology

Atlanta, GA, USA

Master of Science (MS) in Computer Science

May 2025

Coursework: Operating Systems, Computer Networking, Distributed Computing, Computer Architecture, Machine Learning, Cloud Infrastructure, Algorithms/Data Structures, Cryptography, Database Management

SKILLS

Languages: C, C++, C#, Python, Go, JavaScript, HTML, CSS, SQL, Solidity

Frameworks: React, Nodejs, Expressjs, Langchain, gRPC, OpenMP, MPI, TensorFlow, PyTorch, Web3

Development Tools: Unity, Wireshark, Splunk, Autopsy, Neo4j, AWS, Azure, Postman, PostgreSQL, MongoDB, Jira

Environments: Git, Docker, Kubernetes, Linux, Bash, Shell, Truffle, REST APIs, Windows

Hard Skills: SDLC, AWS Solutions Architect, LLMs (GPT-3/4, Gemini, Claude, VertexAI, Llama2/3, Mistral), RAGs, Vector databases (Pinecone, Neo4j), Graph databases (Neo4j), Prompt Engineering

EXPERIENCE

Software Engineer Intern

Jun 2024 - Aug 2024

Vieaura LLC - Alpharetta, GA, United States

- Lead Developer for a Gen-AI Mixed Reality (AR/XR) Unity-based app to streamline manufacturing processes.
- Optimized manufacturing workflows reducing training time by 37%, training costs by 40% and boosting worker efficiency by 25% helping save up to \$15 million per facility from rework and scrap reduction (est.).
- Engineered a custom API, Unity App and RAG model leveraging Neo4j Knowledge Graphs, Vector Embeddings, Indexing and Gemini 1.5 Pro LLM model with Zero upfront cost within 3 months.

Blockchain Researcher Intern

Oct 2022 - Apr 2023

Cypherock - Singapore

- Played a pivotal role under the CEO, contributing to substantial startup growth and securing \$1 million in funding
- Identified and addressed vulnerabilities in hardware crypto wallets, architecting strategic solutions for mitigation.
- Authored SEO-optimized technical articles boosting page visits by 460% and average visit duration by 2000%

MITACS Globalink Research Intern (GRI'22)

May 2022 - Aug 2022

University of Victoria - British Columbia, Canada

- Proposed a novel quantitative framework on hierarchical critical-section WAN-based Blockchain.
- Engaged in global outreach to survey needs of blockchain startup CEOs worldwide through 1-on-1 meetings.
- Showcased findings at prominent Canadian and Chinese networking labs to 50+ postdocs and industry researchers.

SOFTWARE PROJECTS

- An end-to-end MapReduce Infrastructure with shared file system, RPCs and sharding-based file splits. ([link](#))
- A scalable novel hierarchical blockchain L1 infrastructure with a worst-case throughput improvement of 34%. ([link](#))
- QR-code Generator Application for automation open-source. Merged PR on repo with 743 stars. ([Source Code](#))

SELECTED RESEARCH/PUBLICATIONS (3 OUT OF 7)

1. RARE: Resource Allocation using GBDT Distilled Deep RL for 5G Network Slicing. ([2024](#))
2. Modeling Distributed and Configurable Hierarchical Blockchains for Large-Scale Internet of Things ([2023](#))
3. Applying SDN-based Ambient Intelligence Techniques for Cognitive and Emotional Awareness in IoT. ([2023](#))