

Aashik Sharif Basheer Ahamed

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EDUCATION

Washington State University

Master of Science, Computer Science | GPA: 3.93/4.00

Pullman, WA, USA

Jan 2024 - May 2025

Relevant Coursework: Artificial Intelligence · Advanced Algorithms · Computer Vision · Data Science · Machine Learning · Neural Network · Reinforcement Learning · Software Design & Architecture · Web Security

Sastra University

Bachelor of Technology, Computer Science Engineering | GPA: 7.55 / 10.00

Tanjore, India

Jun 2017 - May 2021

SKILLS & CERTIFICATIONS

Programming: C, C++, Java, Python, R, Scala

Database: Snowflake, SQL, Teradata SQL

Libraries/Frameworks/Tools: Airflow, Business Intelligence, Docker, Excel, Git, GitHub, Hadoop, Kafka, Keras, Microsoft Office Suite, ServiceNow, Spark, Tableau, TensorFlow

Cloud Technologies: AWS, GCP

Development Practices: Cloud Computing, Data Engineering, Data Pipelines, ETL

Certifications: · Architecting with Google Compute Engine · Infosys Certified: Snowflake and Data Warehouse Developer, Spark Professional, Database and SQL Associate, Business Intelligence Associate · Government Typewriting exam · Postman API Fundamentals

WORK EXPERIENCE

Student Success Advisor, Instructor

Pullman, WA

Office of Academic Engagement, Washington State University

Aug 2024 – May 2025

- Delivered engaging lectures as a substitute instructor for UNIV 104 at Washington State University, supporting over 120 students in becoming more academically involved on campus. I have helped over 90% improve their grades.
- Provided academic and emotional counseling to help students adjust to college life and connect with campus support resources.

Data Engineer

Bangalore, India

Infosys Ltd - Client: Apple Inc

Sep 2021 - Dec 2023

- Converted 500+ SQL Stored Procedures from Teradata to Snowflake using Python, sourcing core data from GCP and AWS and storing them in semantic tables. Automated job monitoring with Python-Selenium, saving 2 hours daily, and maintained ETL pipelines using Airflow and Excel for quality assurance. We leveraged git to update Stored procedures daily for the migration project.
- Managed ServiceNow tickets and performed financial reporting using Tableau and BI tools, ensuring 100% billing accuracy; contributed to open-source projects via GitHub during Hacktoberfest for 2 consecutive years.

Technical Content Writer

Bangalore, India

Ashwin Aptitude Classes

Jul 2021 - Sep 2021

- Identified technical content gaps and developed comprehensive programming solutions to support over 200 students.
- Designed and delivered a structured training program in C, C++, Java and Python, helping junior students secure job offers.

Research Intern

Trichy, India

National Institute of Technology

May 2019 - Jun 2019

- Researched and simulated cache-based side-channel attacks using open-source tools (e.g., Flush+Reload, Prime+Probe)
- Implemented and evaluated mitigation techniques across multiple system configurations to enhance system security.

PROJECTS

FlavorBlend

(Feb 2025)

- Collaborated in a team of four to develop FlavorBlend, an AI-powered application that generates culturally blended recipes from 190+ countries using LLaMA 3 and diffusion models for text-to-image generation; built a scalable backend using Express.js, MongoDB, and integrated Firebase Authentication for secure user management.
- Achieved Best AI Application Built with Cloudflare and Coca-Cola Scholarship – Best Growth Potential at CrimsonCode Hackathon 2025, outperforming 54 competing teams.

WhisperRx

(Mar 2025)

- Developed WhisperRx, an AI-driven web application that transcribes doctor-patient conversations into structured SOAP medical reports using Cloudflare Whisper and LLaMA 3 models helping medical staffs save 45% time in documentation. Implemented full-stack solution with Flask, integrating features like appointment scheduling and visit history tracking to enhance clinical workflows.
- Engineered a user-friendly interface using HTML/CSS and JavaScript, leveraging prompt engineering with the help of ChatGPT to optimize interaction for both healthcare providers and patients, helping us complete the project in 3 days.

Neural Network-Driven Histopathological Tumor Classification

(Aug 2024 - Dec 2024)

- Tumor classification using Inception V3 & RNNs models; achieved 84% accuracy in distinguishing adenoma vs. adenocarcinoma.

HACKATHONS & EXTRA CURRICULAR

- Our project won Honourable mention for AgAID Digital AgAth0n 2025 hackathon for [Snowpack Prediction Challenge](#).
- WSU Photography Club - Participating in weekly activities to develop photography skills and master advanced concepts.
- Entrepreneurship Cell, SASTRA - Led teams of about 50 students across marketing, media, and treasury divisions for 2.5 years.