Saad Salman Beg

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EDUCATION

University of Houston | College of Natural Science and Mathematics   **Houston, TX**
Bachelor of Science in Computer Science   *Expected Graduation: May 2026*
- **Relevant Coursework:** Programming & Data Structures, Computer Organization & Architecture, Database Systems, Discrete Mathematics, Linear Algebra, Statistics, Data Science & Machine Learning (IP)
- **Cumulative GPA**: 2.99

EXPERIENCE

Amazon Web Services   **Seattle, WA**
Cloud Support Associate Intern   *May 2025 – August 2025*
- Developed cloud solutions for customers, troubleshooting AWS networking, compute, and monitoring services.
- Designed and implemented secure, scalable architectures improving reliability and customer experience.

University Of Houston   **Houston, TX**
Resident Advisor   *August 2024 – May 2025*
- Supervised 40+ residents, resolving concerns, organizing events, and ensuring adherence to housing policies.
- Provided mentorship and peer support, fostering a collaborative community environment.

Gyro Hut   **Houston, TX**
Manager   *January 2023 – March 2024*
- Directed daily operations, staff training, and customer service in a fast-paced restaurant setting.
- Enhanced efficiency and customer satisfaction through workflow optimization.

Linked Things   **Karachi, Pakistan**
Intern   *January 2022- March 2022*
- Developed and maintained websites utilizing CSS, Python, and C, consistently updating skills to keep pace with the latest advancements in web technology.

PROJECTS

CloudPulse Monitoring Dashboard — AWS Capstone   (Summer 2025)
- Built a React-based dashboard to monitor AWS resources across multiple regions.
- Integrated AWS APIs for real-time cost, performance, and security insights.

FitPlan Pro   (In Progress)
- Currently developing a personalized fitness app that generates custom workout plans based on user goals, featuring profile management, progress tracking, and an exercise library with instructional videos.

BST Preorder Traversal   (Spring 2024)
- Developed a C++ application to build a binary search tree and perform a preorder traversal, outputting node positions to a file.

Bracket Decoder - C++   (Fall 2023)
- Designed a custom linked list to decode and validate bracketed strings with frequency analysis.

SKILLS AND CERTIFICATIONS

Certification: 1) Google IT Support Professional Certification 2) IBM Data Analyst Professional Certificate 3) AWS Certified Solutions Architect - Associate 4) AWS Certified Cloud Practitioner 5) AWS Certified AI Practitioner

Skills: Python, HTML, C, C++, R Studio, SQL, Java, JavaScript, Networking, Machine Learning, Data Analysis

Languages: Fluent in Urdu and Hindi

ORGANIZATIONS

Pakistan Student Association (PSA) | President   **Fall 2023 - Present**
- Lead executive board of 500+ students, managing events, sponsorships, and organizational strategy.
- Organized large-scale cultural and professional development events to strengthen community engagement.