SYED SHAHMEER RAHMAN

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EDUCATION

University Of Alberta — Expected Graduation: May 2026
- Bachelor of Science: Computer Science (Specialization) | **GPA: 3.3**
- Scholarship: The University of Alberta Regional Excellence Scholarship
- Scholarship: International Admission Scholarship

CERTIFICATIONS

3 Certifications from Alberta Machine Intelligence Institute (AMII) — Apr. 2025
- Fundamentals of Reinforcement Learning — Certificate Link
- Sample-based Learning Methods — Certificate Link
- Prediction and Control with Function Approximations — Certificate Link

SKILLS

Proficient in: Python, C, C#, TypeScript, JavaScript, HTML, CSS, React, Unity, MongoDB, SQL, Node.js, .NET

WORK EXPERIENCE

Software Engineer Intern | *SARVA (Startup Company)* — Jun. 2025 – Aug. 2025
- Led development of SARVA's website and mobile app which was a delivery app for local businesses.
- Developed AI to predict restock dates based on historical data, improving inventory management.
- Integrated Google maps API and Stripe API to track deliveries and automate payments.
- Designed and built UI/UX in React to visualize business profit/loss and stock levels.
- Implemented backend systems with Firebase and SQL, ensuring smooth performance and testing.

Software Developer Intern | *United Group (Orange Solutions Limited)* — Jun. 2024 – Aug. 2024
- Engineered ERP software for 4 clients, improving business operations with the development team.
- Built full-stack web apps with React, Node.js & MongoDB to improve efficiency and user experience.
- Created mobile apps with Flutter & Firebase, enabling real-time business tracking and management.
- Worked with senior developers to learn about documentation, coding standards, and collaboration.

Software Developer Intern | *Jamuna Spacetech Joint Venture Limited* — Sept. 2022 – Nov. 2022
- Coordinated with the IT team to create the company's enterprise(ERP) system using Java, Python, and C# for the backend, and JavaScript for the frontend.
- Facilitated with collecting, analyzing, and optimizing data for 3 projects, improving overall efficiency.
- Provided technical support and training to 20+ staff members, reducing technical issues by 30%.
- Authored IT documentation that cut recurring issues by 25% and enhanced overall workflow.

System Support Intern | *Beatnik Digital Limited* — Dec. 2021 – Jul. 2022
- Installed, configured, and maintained workstations and mobile devices as needed.
- Researched and analyzed data for 6 major projects, providing insights to the planning team.
- Conducted on-site assessments for 3 developments, verifying plan accuracy and feasibility.

PROJECTS

NHL Game Outcome Predictor — Demo Video | GitHub Link
- Built an NHL game predictor with Random Forest (71% accuracy) and deployed a web app to display upcoming games with AI-predicted winners.

Event Management App — Demo Video | GitHub Link
- Created a lottery-based Android app using Java and Firebase with 3 types of users Entrant, Organizer, and Admin, QR scanning and notifications, plus geolocation for secure event registration.

Recognizing Handwritten Numbers — Demo Video | GitHub Link
- Built and compared 2 MLPs and a CNN in Python (PyTorch) for handwritten digit classification; CNN achieved 91% accuracy on test set.

Transaction using BlockChain — Demo Video | GitHub Link

Web Scraper for Amazon — Demo Video | GitHub Link