

Shivraj Jadeja

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EDUCATION

Bachelor of Science in Computer Science

Arizona State University, Tempe, AZ

Expected May 2027

GPA: 3.81/4.00

- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Computer Organization and Assembly, Discrete Math Structures, Digital Design Fundamentals, Calculus III, Probability and Statistics, Operating Systems, Theoretical Computer Science, Principles of Programming Languages, Computer and Network Forensics, Information Assurance, Web Design and Development

SKILLS

- Technical Skills: Proficient in Python, Java, JavaScript, HTML, CSS, C++, C#, SQL, MATLAB, Git, JUnit, JavaFX, Swing, Eclipse, Microsoft Office, Google Docs, Canva, GameMaker Studio, Unreal Engine, Unity

PROFESSIONAL EXPERIENCE

Software Engineering Apprentice, Global Career Accelerator

August 2025 - December 2025

- Collaborated with industry partners including **Intel**, **L'Oréal**, and **NASA** to design and implement **5+ production-style software projects** aligned with real business requirements.
- Built responsive, accessible web applications using **HTML**, **CSS**, and **JavaScript**, emphasizing usability, **localization (RTL)**, and cross-device compatibility across **10+ screen sizes** and **100+ simulated attendee check-ins**.
- Integrated **external APIs and AI services** (OpenAI/Groq, NASA APOD) using secure serverless backends, supporting **100+ API calls** during testing while following API security and data-flow best practices.

OTHER EXPERIENCE

Pod Operator, Dreamscape Learn, ASU MIX Center

February 2026 - Present

- Guiding students through **VR lab sessions** by checking them in, assisting with headset/gear setup and ensuring smooth experiences.
- Operating and monitoring VR pods, **controlling software**, **troubleshooting equipment issues** and following safety protocols in sessions.

Event Attendant, Sun Devil Athletics, Arizona State University

October 2024 - Present

- Managing VIP, team and staff check-ins at athletic events, verifying credentials and directing guests to appropriate entrances and seating.
- Providing on-site **customer service** and basic crowd-flow support by answering questions, giving directions and reinforcing event policies.

Sun Devil Motorsports, Formula SAE

February 2024 - Present

- Collaborating with student engineering team to design and refine drivetrain components in **SolidWorks** for competitive-built formula car.
- Writing and testing **MATLAB** scripts for sensor data acquisition and test analysis to support **data-driven** performance decisions.

PROJECTS

L'Oréal Chatbot - JavaScript, Cloudflare Worker, Web APIs

November 2025

- Developed a **L'Oréal-branded chatbot** using a **Cloudflare Worker** to handle HTTP requests, call an AI API, and return on-brand responses in real time for **50+ sample user queries**.
- Implemented conversation logic with structured prompts and guardrails so bot stays focused on beauty, skincare, and product-related topics.
- Connected the serverless backend to a simple **chat UI** built with **HTML**, **CSS**, and **JavaScript**, enabling users to send messages, view replies, and test the experience in the browser with **sub-second response times** in local tests.

NASA Space Explorer - JavaScript, HTML, CSS, NASA APOD API

October 2025

- Built a **web app** that fetches and displays daily space images and details using the **APOD API** for **30+ days of history**, with loading and error states for unreliable connections.
- Implemented **date selection** and **dynamic content cards**, allowing users to browse past images and descriptions in a responsive layout across desktop and mobile.
- Applied **accessibility** and **branding practices**(text, color contrast, headings, NASA-style UI) to create polished, user-friendly experience that scored **95+ on Lighthouse accessibility tests**.

Collaborative Discussion Platform - Java, JavaScript, JavaFX, SQLite, Git, Eclipse

April 2025

- Developed a desktop-based discussion forum with **role-based access** for 4+ user types, enabling Q&A, replies, announcements, and reviewer request workflows used in class projects by students.
- Managed collaboration with a 6-member team through **GitHub**; delivered **UML diagrams**, 8+ **user stories**, and 3 screencast demos.
- Implemented secure **SQLite database integration** supporting **200+ discussion threads** and reducing query latency by 30%.

CLUBS & ORGANIZATIONS

National Cadet Corps (NCC), Youth wing of the Indian Armed Forces

April 2018 – January 2020

- Completed basic military training in small arms handling, discipline, and parade drills, building leadership, resilience, and teamwork.

Shotokan Karate Do-Japan Federation

May 2015 – May 2018

- Trained under national-level instructors and achieved the rank of Black Belt, demonstrating discipline, focus, and physical endurance.