

# Devianshi Goyal

+1 (602) 791-4327 | devianshig22@gmail.com | <https://www.linkedin.com/in/devianshig/> | <https://github.com/coderG13> | <https://devianshigoyal.com/>

## EDUCATION

### Bachelor of Science in Computer Science

Arizona State University

Expected **May 2026**

Tempe, AZ

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer and Network Forensics, Computer Network Security, Data & Information Security, Human Computer Interaction, Mobile App Development, Data Visualization, Distributed Software Development.

## TECHNICAL SKILLS

**Programming Languages:** Python, C, C++, C#, Java, MATLAB, JavaScript, Scheme, HTML, CSS, SQL, Linux, Bash Scripting

**Library/Framework:** JavaFX, Crypto, Animate.css, Wow.js, Bootstrap, Node.js, Django, React, Pandas, Flask, Firebase SDK

**Web Development:** REST APIs, Responsive design, Asynchronous JavaScript, DOM Manipulation, Authentication & Authorization, API Integration

**Tools:** Git, GitHub, Pycharm, Eclipse, Visual Studio, VSCode, Arduino, Bash, Jira, PostgreSQL, Docker, LLMs

**Certifications:** Udemy C Programming, HackerRank SQL, Cloud Computing, Ethical Hacking in IoT and Cyber Space

## PROFESSIONAL EXPERIENCE

### Technology Consultant

July 2024 – Present

LX Space Success at Arizona State University

Tempe, AZ

- **Delivered 99.9% uptime** across **120+ smart classrooms** serving **20,000+ students** and **500+ faculty** by **proactively maintaining and debugging mission-critical AV infrastructure**, ensuring seamless lecture capture, display routing, and real-time audio-visual feedback across campus.
- **Built and deployed a searchable digital operations manual** using **Markdown, HTML, and GitHub Pages**, reducing recurring incidents by **30%** and **accelerating on-site diagnostics by 40%**, while supporting faculty through 1:1 and group training for rapid adoption of complex classroom tech

### Software Development Intern

May 2025 – Aug. 2025

Gurus of Web Technologies Pvt. Ltd.

Remote

- **Designed and deployed a modular Flask REST API** using **PostgreSQL, JWT auth, and PyTest**, boosting backend reliability by **40%** through structured service layers, test-driven development, and defensive error handling across 10+ endpoints.
- **Built a full-stack task management system** with **Jinja2, Bootstrap, and JavaScript**, enabling **real-time sprint tracking** for 10+ team members, while refactoring SQL query logic and implementing **index-based lookups and caching**, reducing average API latency by **35%** and improving team delivery velocity by **25%**.

### Technical Intern - Business Support Systems

Oct. 2021 – July 2022

Krishna Steel Udyog

Haryana, India

- **Streamlined inventory and supply chain tracking** in a mid-scale aluminum manufacturing unit by **automating manual workflows using Python, Pandas, and spreadsheet scripting**, reducing reporting time by **50%** and improving data consistency.
- **Designed and deployed a modern product website** using **HTML, CSS, and JavaScript**, enabling **online product showcasing and order placement**, which improved business reach and facilitated digital sales processing for the first time in company history.

## PROJECTS

### Foxhole Lounge - Mobile App

Aug. 2025 – Present

- **Built scalable posting and auth flows** using **Flutter, Firebase Auth, and Firestore**, powering real-time content for **500+ veterans**, and improved UI performance by **60%** via modular Bloc-based state logic; collaborated in an **Agile team** using **Git, GitHub, and Jira**.

### Discord Meme Bot - Python Application

Sep. 2025

- **Developed an async Discord bot** in **Python** using REST APIs and non-blocking event loops to handle **60+ concurrent users**, enhancing real-time engagement in meme-sharing channels.

### Custom Search Engine with Exa

April 2025

- **Shipped a semantic search engine** with **Python, Flask, and Exa API**, improving result accuracy by **35%** and reducing query latency by **40%** across 4+ domains via ranking logic, JSON pipeline optimization, and metadata extraction

## LEADERSHIP

Elemental Member, American Association for the Advancement of Science (AAAS)

Jan. 2025 – Present