NIKITA KELWADA

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EDUCATION

Texas A&M University | *BS in Computer Engineering | Minor in Mathematics | GPA 3.5*   May 2027
  - ❖ **Coursework:** Algorithms & Data Structures, Database Systems, Operating Systems, Machine Learning, Object-Oriented Programming, Computer Architecture, Web Development, Digital System Design

EXPERIENCE

Fidelity Investments | *Intern, Software Engineering - Full Stack*   May 2025 - Aug 2025
  - ❖ Engineered a scalable Medicare Search platform using **Angular, JavaScript, C++, and RESTful APIs on Linux/Ubuntu**, optimizing distributed backend services and improving query latency and relevance for **30M+ users**
  - ❖ Devised **data-driven search analytics** to expose content gaps and inform future updates; produced technical documentation and led transition sessions to equip incoming developers with full context for continued iteration
  - ❖ Improved **test reliability and release flow** by introducing automated **Jest** suites and **CI/CD** checks, leveraging **GitHub Copilot GenAi** to accelerate development cycles and strengthen overall code quality

PROJECTS

Echo | *HackUTD "Best Design" Winner*   Nov 2024
  - ❖ Developed a **computer vision** game to help children with Alexithymia recognize emotions by implementing real-time facial analysis algorithms, machine learning techniques, and object-oriented design
  - ❖ Implemented a **Flask** backend and contributed to a **React/Next.js** frontend with 3D mascots to deliver stable **APIs** and a responsive, engaging **UI**

ProjectUX | *Founder and Co-Manager*   Jan 2024 - May 2025
  - ❖ Coordinated a **75-person** full-stack project using **React, Node/Express, JWT, and PostgreSQL**, and set up CI checks and a clear Git/GitHub workflow for contributors
  - ❖ Delivered **JavaScript** and **React** training through weekly labs, providing starter repos and PR mentorship that led to an award for the organization's "Best Project"

Web Scraping Project | *Aggie Coding Club*   Aug 2023 - Jan 2024
  - ❖ Deployed distributed data pipelines with **Python** and **MongoDB** to scrape and store data from **100+** websites, improving system efficiency by **30%** and received **3 awards**
  - ❖ Built asynchronous crawlers with rate limiting, proxy rotation, and retry/backoff; added deduplication and schema validation to keep data clean and reliable

ORGANIZATION/INVOLVEMENT

TAMUhack | *Logistics Lead*   Apr 2024 - PRESENT
  - ❖ Lead the logistics team for Texas A&M's largest hackathon, serving over **1,000** participants; coordinate **85+** vendors and campus partners, run technical workshops, and oversee judging
  - ❖ Manage **$100K+** in sponsorships from American Airlines, Amazon, and Toyota; lead partner onboarding, negotiate benefits, and execute branding, career fair, and tech talk deliverables

AWS ReachBack Cloud Practitioner Cohort   Aug 2025 - PRESENT
  - ❖ Engaged in an Amazon University Event - ReachBack Cohort; selected for a competitive **11-week AWS cohort**
  - ❖ Receive mentorship from **Solutions Architects** and senior leaders on **cloud architecture**, compute platforms, security, identity systems, and core services while preparing for AWS Cloud Practitioner certification

Society of Women in Engineering | *Professional Development Committee Representative*   Aug 2023 - May 2024
  - ❖ Organized and led interview, resume, and career fair workshops for **70+** freshman women in engineering
  - ❖ Mentored first-year women engineers in **Java/Python/C++** mock interviews; delivered structured feedback and frameworks that strengthened screening performance

TECHNICAL SKILLS

Programming & Tools: Java, Python, C++, C, JavaScript, TypeScript, SQL, Linux/Ubuntu, Git, Jira, CMake, Angular, React, Next.js, Node.js/Express, Spring Boot, Flask, Docker, Playwright, Jest, RESTful APIs
Data, ML, Databases: TensorFlow, PyTorch, Pandas, Firebase, MongoDB, PostgreSQL, AWS (Cloud)
Certifications: AWS Certified Cloud Practitioner