

## Kshrugal Jangalapalli

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### EDUCATION

**Bentonville West High School @ Centerton, AR** May 2026 (GPA: 4.53, ACT: 33, Rank: 2/609)  
Relevant Coursework: APCSP, APCSA, AP Stats, AP Calc AB, AP Calc BC, Programming II: Coding/Game Dev, A-State: Swift Coding, A-State: Game Dev

**Ignite Professional Studies @ Bentonville, AR** August 2024 – May 2026 (Technology Strand)  
Concurrent Credit: Microcomputer Hardware Support, Microcomputer Software Support, Intro to Prog. Logic-I

### EXPERIENCE

**Velric.AI** New York, New York  
**Front-End Intern** September 2025 – November 2025

- Engineered and launched foundational user-facing pages (Home, Contact) for the corporate website using Next.js, TypeScript, and Tailwind CSS.
- Developed key site features with a focus on performance and maintainability by leveraging server-side rendering (SSR) in Next.js and type safety in TypeScript.

**WayPave** Bentonville, AR  
**Software Engineer Intern** June 2025 – August 2025

- Spearheaded the end-to-end development of a full stack hiring analytics platform, building a scalable Firebase backend and a responsive Vue.js front-end to accelerate hiring decisions.
- Integrated Firebase Authentication for secure user management and leveraged Firebase Analytics to derive actionable insights, directly influencing product strategy and feature prioritization in an agile environment.

**Arvest Bank** Rogers, AR  
**Information Security Intern** January 2025 – May 2025

- Designed and built an interactive educational game using JavaScript, HTML, and CSS to simulate real-world cyber threats and teach best practices for incident response.
- Integrated the educational game with the corporate Learning Management System (LMS) to ensure widespread adoption and track user engagement and completion rates.

### LEADERSHIP AND ACTIVITIES

**Programming Club** Bentonville, AR  
**Vice President** August 2025 – May 2026

- Organized and led school-level participation in multiple regional and state-level coding competitions, including the All-Regional Coding Competition and the High School Programming Competition.
- Achieved top-tier results across multiple high-stakes competitions, including 1st Place at the Arvest Hackathon for a multilingual chatbot and 2nd in the State for CyberPatriot, demonstrating versatile skills in software development and cybersecurity.

### ACHIEVEMENTS

- Congressional App Challenge 2025 – 2nd Place
  - Developed the Flutter/Dart frontend for OralScan, implementing responsive UI, camera integration, and real-time image processing workflows.
  - Built an AI-powered oral cancer detection pipeline using CNN-based classification; project earned 2nd place in the Congressional App Challenge (AR-03).
- VibeCon 2025 (YC x Emergent x Anthropic x AWS) – Top 25
  - Selected Top 25 of 2,000+ applicants to build at Y Combinator HQ in a 48-hour AI-focused buildathon.
  - Co-developed MirAI, an AI-powered college counseling assistant using LLM prompt-chaining and retrieval workflows.
- HogHacks 2025 – 4th Place + Best Implementation
  - Built a cross-platform competitive yoga app using Flutter, TensorFlow, FastAPI, and SQL; won Best Implementation and placed Top 4.
  - Implemented pose-estimation workflows and ML-based scoring to drive real-time feedback and personalized workout generation.

### SKILLS & INTERESTS

**Frameworks:** SwiftUI, Flutter, Node.js, Vue.js, Next.js, Tailwind.CSS, Sci-kit learn, pandas, matplotlib

**Languages:** Java, Python, Swift, JavaScript, Node.js, CSS, HTML, Dart

**Databases:** SQL, MySQL

**Certifications:** IT Specialist Java, Google Cybersecurity Certification