

# Arjun Anand

arjunanand1405@gmail.com ● 224-200-6228 ● Buffalo Grove, IL ● <https://arjunanand.netlify.app>

## Work Experience

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- **Kid Kaddy** **Nov. 2024 - May. 2025**  
**Full Stack Engineer Intern** **Columbus, OH**
  - Designed, developed, and deployed a full-scale mobile application from scratch for a local startup, handling all aspects of the project independently.
  - Took ownership of the entire development lifecycle, from initial concept to deployment, delivering a fully functional and user-friendly app on time.
  - Utilized React Native for the frontend and Firebase for the backend, ensuring seamless integration and optimized performance.
- **Aditya Solutions** **Jan. 2022 - Dec. 2022**  
**API Architect and Consultant** **Remote**
  - Designed and implemented a custom API, facilitating the delivery of WhatsApp messages to the company's clients.
  - Saved the company money by recommending WhatsApp instead of SMS, planning and developing the solution fully.
  - Built the API with Node.js and the Twilio SDK

## Education

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- **The Ohio State University** **Expected graduation: May. 2027**  
**B.Sc. Computer Science Engineering** **Columbus, OH**
  - **Formula Buckeyes:** Designed and built an open-wheel race car to compete against other schools as a part of the Formula SAE team. Utilized ANSYS for CFD modeling and constructed carbon fiber parts.
  - **Entrepreneurship & Innovation Scholar:** Collaborated with like-minded peers on fun challenges to develop problem-solving skills. Created solutions for worldwide issues through a company concept, gained valuable insights and resources for starting my own business.

## Skills

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- **Programming Languages:** JavaScript, TypeScript, Julia, Python, C++, Java, C#
- **Web Development:** Node.js, Express, React, HTML, CSS, Astro, Next.js
- **Tools:** Git, Linux, MongoDB, gdb, valgrind
- **Languages:** English (Fluent), Tamil (Fluent), Spanish (Conversational)

## Selected Projects

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- **My Website:** Custom Built Portfolio Site with React and Astro
- **Chess Engine (WIP):** A simple chess engine written in C++. (As of now, move generation is fully complete, generating ~6.5 million moves per second with compiler optimizations)
- **Snake:** A CLI snake game written in Node.js with Typescript.
- **ForexAide:** A fullstack app which fetches foreign exchange data from an external API and renders it on the screen in a clean, easy to use, visually appealing UI.