

ANDY BARNETT

SOFTWARE DEVELOPER ·
SECURITY CLEARANCE

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About

Before my journey into software development, I worked as a hockey coach, teaching all ages, and skill levels along with giving customized individual hockey lessons. Before that I served in the Marine Corps and was honorably discharged in 2017.

I had been entertaining the idea of entering the world of tech for years, since I enjoy being in front of the computer, troubleshooting, and creating solutions to problems. Through my years in teaching I recognize my capability to communicate complex concepts in an approachable manner. I love to create an approachable user experience and work in teams that solve complex issues.

Skills

- Javascript
- React
- CSS
- HTML
- Bootstrap
- Git/Github
- .NET
- C#

Projects

Charlie's Checklist-Front End Capstone

This app is for dog owners who want to keep create small profiles for their dogs. The app provides the user with a way to create and track commands, tricks, and habits their dog knows or has been taught.

- App has full CRUD capability (React, API fetch calls, React-Router, and JSON server)
- Styling was achieved through CSS, and Bootstrap for an approachable user experience
- [View Code](#)

Giffygram-Group Project

This Vanilla JS app is a social media meme generator. Users can post, message, favorite, delete and filter through their favorite memes or 'gifs'.

- App has full CRUD capability (JS, API fetch calls, and JSON server)
- Styling was achieved through CSS
- [View Code](#)

Education

Nashville Software School

Certificate of Software Development

Lipscomb University

Computer Science Program

Technical Experience

Software Developer

Nashville Software School · 2021

NSS is a six-month intensive, full-time software development bootcamp focusing on HTML, CSS, Javascript, React and server-side fundamentals with .NET/C#.

- Single-page application development with React and with a focus on a modern ES6+ Javascript feature and modular code
- Project management with issue tickets and GitHub Projects
- Database planning by building entity relationship diagrams (ERD) to define relationships with an emphasis on maintaining a flat data structure
- Utilized vanilla JavaScript (ES6), and React.js to create single page dynamic web applications using full CRUD functionality
- Styled applications using CSS, Bootstrap, Reactstrap, and Material UI
- Completed 6 group project sprints while fully remote, comfortable with Slack, Zoom, GitHub Project, and wireframes for group communication and collaboration

Professional Experience

Hockey Coach

Nashville Predators - Ford Ice Center · 2019-2021

Ford Ice Center is an ice rink in Antioch and Bellevue owned by the Nashville Predators. Ford Ice Center has a multitude of hockey programs for athletes of all age and skill.

- Youth Hockey Coach
 - Lead and assisted lead hockey classes multiple times a day of up to 40 students per class
 - Taught hockey skills from learning how to skate all the way to advanced team-wide drills
 - Gave customized individual lessons for hockey players to focus on and improve specific skills
- Nashville Predators Amateur Hockey Association - JV Assistant Coach
 - Created custom team practice plans and game strategies.
 - Used hockey experience to identify and assign players to their best positions on the team

United States Marine

United States Marine Corps · 2014-2017

- Petroleum Engineer
 - Inspected and maintained over \$2.1M worth of petroleum resupplying, storing, and testing equipment
 - Successfully lead, managed, and supervised up to 15 employees at a time throughout daily and irregular tasks
 - Analyzed and established a faster, easier, and more efficient way to disassemble gear for disposal
 - Assure adherence to safety procedures and ensure and efficient, clean, and safe work environment
 - Maintain inspection and maintenance records for facilities and report facility deficiencies to appropriate maintenance activity
 - Conduct preventative maintenance inspections on vehicle and equipment, analyze malfunctions, document deficiencies, and coordinate repairs