

ANDY BARNETT

SOFTWARE DEVELOPER

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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-Routing, and JSON server)
- Styling was achieved through CSS, and Bootstrap for an approachable user experience
- [View Code](#)

LineMate - Final Capstone

A full stack app that gives coaches a way to visually keep track of the teams, players on those teams, and the lines on those created teams. Users can create, edit, and delete teams, players, and lines of players on the teams.

- Tech stack: C#, .NET, React, JavaScript, HTML, CSS, Bootstrap
- Styling was achieved through ReactStrap
- [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 an 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