ANDY BARNETT

Spring Hill, Tennessee, United States · andy.barnett09@gmail.com · 615-410-8587 · https://www.linkedin.com/in/andybarnett09/ · ambarnett.github.io

SUMMARY

Results-driven Web Developer and Junior Software Engineer with a strong background in full-stack development and a passion for creating user-friendly web applications. Skilled in JavaScript, React, Redux, and CSS, with experience working with Python, Flask, PHP, and Laravel. Proficient in designing and developing responsive interfaces, integrating APIs, and writing clean and reusable code. Adept at collaborating with cross-functional teams to implement UI/UX designs and improve overall user experience. Committed to agile development practices and actively participating in code reviews. Experienced hockey coach with a track record of mentoring and teaching players of all ages and skill levels. Strong communication skills and ability to troubleshoot and solve complex problems. Marine Corps veteran with a disciplined work ethic and a demonstrated ability to adapt to new processes and team structures.

EXPERIENCE

Youth Hockey Coach and JV Assistant Coach
Ford Ice Center   January 2019 - Present, Nashville, TN

· Played a key role in developing and enhancing the ice rink programs at Ford Ice Center, owned by the renowned Nashville Predators, offering inclusive hockey programs catering to athletes of all ages and skill levels.
· Successfully led and supported multiple daily hockey classes, providing mentorship to groups of up to 40 students per session.
· Delivered comprehensive instruction on a wide range of hockey skills, encompassing fundamental skating techniques and advanced team-wide drills.
· Offered personalized individual lessons to hockey players, tailoring the sessions to focus on specific areas of improvement and skill development.
· Created and implemented customized team practice plans and game strategies, elevating performance levels and fostering player growth.
· Leveraged extensive hockey expertise to assess players' strengths and allocate them to positions that best capitalized on their abilities.

Junior Software Engineer
StudioNow   February 2022 - March 2023, Nashville, TN

· Developed software in Python/Flask, JavaScript/Angular, PHP/Laravel, and JavaScript/React within a dynamic startup environment.
· Collaborated closely with cross-functional teams to ensure seamless client access and video production development.
· Maintained MySQL database using Flask/SQLAlchemy for efficient data management.
· Played an instrumental role in fostering and cultivating the company's tech culture.
· Designed and maintained a responsive, user-friendly web application using React and Redux.
· Collaborated with the design team to implement effective UI/UX designs, enhancing the overall user experience.
· Integrated APIs and collaborated with back-end developers to optimize application performance.
· Wrote clean, reusable code following best practices, including utilizing React hooks and functional components.
· Actively participated in code reviews and followed Agile development processes, including daily stand-up meetings and sprint retrospectives.
· Created and updated comprehensive technical documentation, including detailed code comments.
· Successfully adapted to new processes, procedures, and team structures during a company merger. Reduced production issues by 23%, resulting in significant cost savings for the company.

Petroleum Engineer
United States Marine Corps   January 2014 - December 2017, Camp Pendleton, CA

· Oversaw the inspection, maintenance, and management of petroleum resupplying, storing, and testing equipment, valued at over $2.1M.
· Led, managed, and supervised a team of up to 15 employees, effectively coordinating daily and irregular tasks.
· Identified and implemented an optimized process for disassembling gear, resulting in increased efficiency and ease of disposal.
· Ensured strict adherence to safety procedures, maintaining a clean, efficient, and safe work environment.
· Maintained detailed inspection and maintenance records for facilities, promptly reporting any deficiencies to the appropriate maintenance activity.
· Conducted preventative maintenance inspections on vehicles and equipment, meticulously analyzing malfunctions, documenting deficiencies, and coordinating repairs.

EDUCATION

Full Stack Web Development
Nashville Software School · Nashville, TN · 2021

SKILLS

JavaScript, React, Redux, CSS, HTML, Python, Flask, PHP, Laravel, Git, Github, Bitbucket, Bootstrap, .NET, C#, Database Planning, Project Management