

Brandon Gottshall

Software Engineer • Marine Corps Veteran

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"I build reliable software, websites, and tech solutions to streamline operations and drive measurable business impact."

Professional Summary

Front-end engineer with 5+ years of React and TypeScript experience, skilled at crafting reusable component-driven UIs for remote-first teams. I've translated Figma designs into responsive, accessible interfaces, implemented Stripe-based workflows, and tuned performance using Chrome DevTools and Next.js dynamic imports. As the first dedicated front-end alongside full-stack engineers, I champion clean code hygiene (Git/PR reviews, linting), collaborate in two-week sprints, and bring a designer's eye to deliver polished client-facing features that drive user productivity.

Leadership Experience

Moons Out Media

Remote

Technical Director (Software Engineering)

Mar 2025 - Present

- Defined and executed the company's software engineering roadmap, aligning technical strategy with creative and business objectives.
- Architected scalable web applications, APIs, and internal tools using TypeScript, Next.js, Python, and Vercel infrastructure.
- Designed and managed high-availability on-prem and cloud infrastructure for media production and streaming.
- Built AI-driven workflows to automate client deliverables and internal processes.
- Instituted engineering culture: CI/CD pipelines, code review standards, performance monitoring.
- Mentored junior engineers and established team development practices.

Effortless Development

Brooklyn, NY

Technical Lead & Co-Founder

Jan 2020 - Jul 2022

- Directed strategic technical, architectural, and operational decisions for a growing engineering agency.
- Led and mentored cross-functional teams of developers, designers, and project contributors.
- Designed and delivered scalable software solutions across web and mobile ecosystems (Next.js, React, Flutter).
- Oversaw client communications, sales consultations, and successful project delivery cycles.

Nebula Academy

Remote

Accredited Technology Instructor

2023 - 2024

- Designed and taught curricula for Power Platform, Python, and Web Development using adult-learning and cognitive-science principles.
- Built structured learning environments using LMS platforms and hands-on coding environments.
- Led classroom sessions and project-based evaluations for professional, adult, and K-12 learners.
- Provided individualized feedback and skill development for new technologists.

United States Marine Corps

MCAS Cherry Point, NC

Corporal — Quality Control NCO

Feb 2019 - Aug 2019

- Led formal inspections and audits of aircraft electrical systems to enforce Marine Corps compliance standards.
- Authored and implemented SOPs that reduced rework rates and improved repair accuracy.
- Trained and coached junior Marines in QC procedures and safety protocols.
- Compiled performance data and reports for command leadership.

United States Marine Corps

MCAS Cherry Point, NC

Corporal — Assistant Maintenance Chief

Apr 2018 - Feb 2019

- Managed operational scheduling for critical life-support equipment, maximizing readiness and uptime.
- Coordinated parts requisitions and repair contracts for over \$7M in supported assets.
- Supervised and trained technicians; oversaw maintenance budgets and spare-parts inventory.
- Provided daily direction to shop personnel and ensured timely completion of priority repairs.

United States Marine Corps
Deployment Leadership — Operation Inherent Resolve

Deployed

- Deployed in support of Operation Inherent Resolve, providing critical power redundancy and electrical systems continuity for Marines operating in-theater.
- Ensured uninterrupted power supply for mission-essential systems under austere and high-risk conditions.
- Contributed to forward-deployed sustainment operations, directly supporting mission readiness.

High School Band Program
Section Leader — Low Brass

Junior Year - Senior Year

- Led the low brass section during rehearsals, performances, and marching band operations.
- Ran sectionals, coordinated drill corrections, and maintained musical and marching standards.
- Accounted for section members during practices, games, and events.
- Helped new members onboard, corrected technique, and supported on-the-fly drill adjustments.

Education

General Assembly
Software Engineering Immersive

New York, NY

Dec 2019 - Mar 2020

- Completed 500+ hour full-stack software engineering program focusing on modern web development
- Built multiple full-stack applications using JavaScript, React, Node.js, Express, and PostgreSQL

Brooklyn College, CUNY
Computer Science (12 Credits)

Brooklyn, NY

2018 - 2019

- Coursework in Computer Science and Mathematics

American InterContinental University
General Studies

Chandler, AZ

2013 - 2014

- Completed general education requirements

Technical Skills

Languages

TypeScript, JavaScript, Python, Ruby, Dart, SQL, HTML5, CSS

Frameworks

React, Next.js, Node.js, Express.js, Ruby on Rails, Flutter

Cloud & DevOps

AWS, Google Cloud, Azure, Docker, Kubernetes, CI/CD, GitHub Actions

Databases

PostgreSQL, MongoDB, Redis, Sequelize, Drizzle

Tools

Git, Linux, VS Code, Postman, Thunder Client, Jira, Figma, Adobe Creative Suite

Methodologies

Agile, Scrum, Test-Driven Development, DevOps, AI/ML Integration

Professional Skills

Leadership

Team Leadership, Mentoring, Project Management, Strategic Planning, Decision Making

Communication

Technical Instruction, Documentation, Client Relations, Team Collaboration, Public Speaking

Problem Solving

Critical Thinking, Troubleshooting, Root Cause Analysis, Process Improvement

Military Skills

Quality Assurance, Maintenance Management, Technical Training, Safety Compliance, Risk Assessment

Certifications & Clearances

Nebula Academy
Accredited Technology Instructor

Jan 2023 - Jan 2024

- Trained to design and deliver technology-focused instruction in corporate, K-12, and adult-education settings through the Academy's "Educators" program
- Applied adult-learning and cognitive-science principles to create engaging learning environments
- Developed and sequenced curriculum for Microsoft Power Platform, Python, and Web Development
- Leveraged educational technology platforms including LMS management and coding sandboxes
- Assessed learner outcomes through project-based evaluations and formative feedback

United States Department of Defense
Secret Security Clearance

Sep 2015 - Sep 2019

U.S. Environmental Protection Agency
EPA 608 Universal Certification

Jun 2018 - Present