

Brandon Gottshall

Software Engineer • Marine Corps Veteran

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💼 moonsoutmedia.com

"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-ender 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.

Experience

Moons Out Labs @ Moons Out

Remote

Software Alchemist • Technical Director (Architecture and Software Engineering)

Mar 2025 - Present

- Architected scalable web applications and internal tools using TypeScript, Next.js, Tailwind CSS, Python, and V0 on Vercel.
- Developed AI-driven workflows and automations to streamline media production and client deliverables.
- Designed and managed cloud-based and on-premise infrastructure for internal software and various sites. Utilized Docker, and cloud platforms (AWS/GCP/Vercel).

Nebula Academy

Remote

Accredited Technology Instructor (Software Engineering)

Oct 2022 - Mar 2025

- Credential Scope: Authorized to design and deliver technology-focused training programs for software engineering learners
- Instructional Expertise: Demonstrated proficiency in curriculum development, pedagogical best practices, and competency-based assessment
- Quality Assurance: Maintained standards for course effectiveness through iterative feedback, learning analytics, and continuous improvement

Effortless Development

Brooklyn, NY

Technical Lead and Co-Founder

Jan 2020 - Jul 2022

- Directed strategic technical and architectural decisions, guiding agency growth and service offerings.
- Managed and mentored cross-functional teams of developers and designers.
- Led scalable solution design across Next.js, React.js, Flutter, Tailwind CSS, and Dart.
- Oversaw client engagements, sales consultations, and project delivery.

General Assembly

New York, NY

Software Engineering Fellow

Dec 2019 - Mar 2020

- Completed a 12-week immersive training (400+ hours) in full-stack development: HTML, CSS, JavaScript, React, Ruby on Rails, Express, SQL.
- Partnered with UX designers to implement accessibility enhancements on a Booking.com redesign project.
- Engaged in agile, project-based development and collaborative team workflows.

United States Marine Corps

MCAS Cherry Point, NC

Quality Control Non-Commissioned Officer

Feb 2019 - Aug 2019

- Conducted formal inspections and audits of aircraft electrical systems, enforcing Corps standards.
- Developed and implemented SOPs that reduced rework rates and improved repair accuracy.
- Coached junior Marines in quality control techniques; compiled performance reports for command.

United States Marine Corps

Assistant Maintenance Chief

- Scheduled and prioritized maintenance tasks for life-support systems, optimizing equipment availability.
- Coordinated parts requisitions and repair contracts to minimize downtime of >\$7M in assets.
- Supervised and trained technicians; managed spare parts inventory and maintenance budgets.

MCAS Cherry Point, NC

Apr 2018 - Feb 2019

United States Marine Corps

Electrical Systems Technician

MCAS Cherry Point, NC

Sep 2015 - Apr 2018

- Performed preventive and corrective maintenance on generators, pumps, and power distribution systems.
- Diagnosed electrical and mechanical malfunctions; logged work orders per technical manuals.
- Assisted senior technicians and trained new Marines on maintenance procedures.

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