

Brandon Gottshall

Software Engineer • Marine Corps Veteran

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Brandon-Gottshall

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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-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 2023 - 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

MCAS Cherry Point, NC

Assistant Maintenance Chief

Apr 2018 - Feb 2019

- 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.

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

New York, NY

Software Engineering Immersive

2019 - 2020

Brooklyn College, CUNY

Brooklyn, NY

Computer Science (12 Credits)

2021 - 2021

American InterContinental University

Chandler, AZ

General Studies

2016 - 2017

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

Oct 2023 - Mar 2025

- 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