DeShaun Broadnax

Full Stack Developer

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with over 5.5 years of experience leading complete end-to-end software lifecycle for projects of all scales. Proven ability to own development from initial product strategy and systems design through to hands-on coding and final deployment. Experience spans across diverse environments, from building mission-critical systems at NASA to delivering entire product solutions for small business clients in an agile setting. Skilled in modern web frameworks, cloud platforms, DevOps practices, with a strong focus on code quality, user experience, and cross-functional collaboration.

SKILLS

- JavaScript, TypeScript, C#, .NET, Python, React, Vue.js, Node.js, React Native, SQL, MongoDB, PostgreSQL, Google Cloud, AWS, Microsoft SharePoint, Microsoft 365, Microsoft Power Platform (Power Apps, Power Automate, Power BI), Git, GitHub, Bitbucket, Postman, Swagger

EXPERIENCE

Software Engineer   July 2021 - Present
NASA GOES Program, Embedded Flight Systems Inc., Goddard Space Flight Center, Greenbelt, MD

- Served as primary developer for end-to-end design and delivery of multiple internal software tools for the GOES program, including the GOES Hotel app, streamlining contractor onboarding and return-to-work processes for over three years of sustained cross-functional use.
- Owned full-stack architecture and development of mission-critical platforms such as G-RASS (Reimbursement Accounting), delivering backend logic, UI/UX, and database integration in C#, HTML/CSS, Razor, and JS.
- Enabled GOES program to accurately track and manage billions of dollars in transactions by serving as primary technical resource for backend logic, UI/UX development, and system integration across engineering and business teams.
- Architected and developed the NOAA Travel Intake System, building tools for civil servant administrators using M365 PowerApps and SharePoint, from wireframes to release.
- Designed and constructed the GOES Event Tracking System (built on the M365 Power Platform) used by over 1,000 NASA and NOAA personnel for conference attendance, capacity management, and demographic reporting.
- Partnered with QA teams, Product Managers, And Technical Writers, and users to ensure stakeholder needs were met, providing scalable and resilient tools leveraged by multiple departments.

Product Owner & Software Architect
Independent Contractor, Remote

- Drove end-to-end software delivery for private clients and small organizations — leading product definition, technical design, development, and post-launch support.
- Led client discovery and requirement gathering, aligning software strategy with business goals and user needs.
- Defined system architectures, selected tech stacks, and directed full implementation cycles across multiple domains:
- Managed infrastructure, hosting, and security planning, ensuring scalable and cost-effective deployments.
- Coached clients on long-term product strategy, helping non-technical stakeholders envision, iterate, and execute digital tools.
- Conducted investor presentations and product demos to secure funding and showcase product vision, translating technical concepts into clear, compelling business value.

EDUCATION

Bachelor of Science in Computer Science (B.S.)• Full Sail University, Winter Park FL
July 2022

PROJECT LIST

USDA Audio/Visual Ticketing System
- Built a progressive web application in Angular to streamline A/V service request tickets and technician assignments, simplifying process for event hosts and reducing coordination issues for technical staff.

Talaria Fits
- Inherited a long-delayed project previously derailed by scope creep, disorganized development, and over $80,000 in sunk costs. Realigned product vision, organized priorities, and led delivery of a complete MVP — saving founder thousands and turning years of stagnation into momentum.
- Constructed full product ecosystem, including frontend mobile app, admin panel, backend services, database architecture, and Google Cloud network configuration, providing a complete, production-ready solution.

Church Everywhere Technologies
- Developed a React-based Android tablet app, incorporating Java for platform-specific Android features, to facilitate AV system control across 10+ venues and modernize live worship operations.

Joe Asamoah
- Designed and launched an e-learning and marketing platform for a real estate education business — resulting in about $100K in additional course and product sales in 6 months.

INTERNSHIP EXPERIENCE

Website Development Intern – Washington Commanders Alumni   October 2018 - May 2019
- Acted as primary web developer, completing production-ready digital solutions for a national NFL alumni organization.
- Formulated and implemented official alumni blog and online presence, increasing engagement and visibility across platforms.
- Built web-based tools to enable retired NFL players to communicate, share updates, and coordinate initiatives.