

# Zac Bostick

## Full-Stack Software Engineer

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### PROFESSIONAL EXPERIENCE

#### Director of Technology

##### [Intercollegiate Psychedelics Network](#)

June 2022 - Present // Remote

- Designed, developed, and deployed a cross-platform application using Flutter and Firebase, resulting in streamlined member onboarding and enhanced user experience.
- Led the initiative to create a self-hosted WordPress site in AWS, which resulted in a 200% reduction in organizational costs.
- Engineered automation pipelines to optimize member onboarding and internal communication channels, improving operational efficiency.
- Hired, mentored, and led a dynamic team responsible for managing and scaling the organization's technical infrastructure, fostering a culture of collaboration and growth.

#### Freelance Web Developer / App Developer

Jan 2019 - Present // Dallas, TX

- Delivered client-focused web and application development solutions using modern software stacks, including Headless WordPress with React and Django/Python..
- Focus on responsive app development using Flutter and React Native, tailoring services to meet individual client objectives.
- Manage multiple websites for clients, delivering routine maintenance, updates, and technical support.

#### Software Developer / IT Lead

##### [Pittman Media Group](#)

September 2020 - August 2021 // Dallas, TX

- Engineered software solutions with a particular emphasis on creating an intuitive graphical user interface (GUI) for remote camera operation and tracking.
- Spearheaded the design and rollout of a comprehensive office network infrastructure, bolstering connectivity and ensuring robust, uninterrupted operations.
- Played a key role in live event production by establishing a secure AWS remote VPN, facilitating smooth coordination and execution.

#### IT Operations Specialist / Web Developer

##### [Dava Oncology](#)

July 2018 - February 2020 // Dallas, TX

- Led the development and launch of multiple company websites hosted on AWS using WordPress, including well-known entities such as AROG Pharmaceuticals and OMI Technologies.
- Actively provided technical and logistical support to both the COO and CTO, significantly contributing to streamlined business operations.
- Installed and managed complex office networks across a multi-floor business environment, ensuring connectivity and operational efficiency.

### EDUCATION

#### Arizona State University - 4.0 GPA

2021 - 2024 // Tempe, AZ

Bachelor of Science in Computer Science  
with a graduation date of May 2024.

#### Coding Dojo

2018 // Dallas, TX

Completed a six-month intensive bootcamp learning three full stacks: Django/Python, Ruby on Rails, and MERN.

### SKILLS & PROFICIENCIES

#### Programming Languages

JavaScript (ES6), TypeScript, Python, SQL, HTML, CSS, Java, C++, Ruby, Dart, PHP.

#### Libraries & Frameworks

NextJS, Tailwind CSS, Three.js, React, React Native, Angular, Flutter, Flask, Django, NodeJS, Express, Rails, Bootstrap, jQuery, Ajax.

#### Data

MySQL, PostgreSQL, SQLite, MongoDB, Redis, Amazon DynamoDB.

#### Tools & Platforms

Git, AWS, Wordpress, Docker, Nginx, Apache, Firebase, MS Visual Studio, Android Studio, XCode, NetBeans, Postman, Selenium.

#### Design

Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Affinity Designer, Blender, Figma.

### SELECTED PROJECTS

#### GenLabs AI

A next-gen content creation hub powered by AI. Built with Next.js, React, and Tailwind. Prisma-backed operations, Clerk's security, Stripe's payment integration, and Crisp chat support make it a top choice for digital creators. Hosted on Vercel.

#### IPN Mobile App

A Flutter-built cross-platform app offering a seamless UX. Firebase powers its backend, managing real-time databases, authentication, and storage. It syncs with Google Sheets, YouTube, and Google Calendar APIs, ensuring up-to-date content for its users.