

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

React, React Native, Flutter, Flask, Django, Node.js, Express, Rails, 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

Indeed Job Scraper

Developed a Node.js web scraping tool using Puppeteer and Cheerio to extract job details from Indeed.com. Integrated Bright Data's Scraping Browser for authentication and improved request handling. Data is exported in JSON and CSV formats for use by an organization.

Private YouTube API Fetcher

Fetches data from your organization's YouTube channel, including private and unlisted videos. Organizes and saves playlist data (including titles and video information) in a local JSON file. Converts the saved data to a CSV file for easy parsing and usage. Downloads thumbnail images from each video in the playlists and saves them in a local directory.