Zac Bostick
Full-Stack Software Engineer

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PROFESSIONAL EXPERIENCE

Director of Technology
Intercollegiate Psychedelics Network
June 2022 - Present // Remote
- Developed a cross-platform app with Flutter & Firebase, streamlining member onboarding.
- Migrated to self-hosted WordPress on AWS, reducing costs by 200%.
- Implemented automation for efficient member onboarding and improved internal communications.
- Led and nurtured a technology team, driving innovation and scalability in infrastructure.

Software Developer / IT Lead
Pittman Media Group
September 2020 - August 2021 // Dallas, TX
- Innovated software solutions, creating an intuitive GUI for remote camera operations.
- Spearheaded the office network infrastructure overhaul, enhancing connectivity and uptime.
- Instituted a secure AWS VPN for efficient coordination during live events.
- Collaborated cross-functionally to ensure tech solutions aligned with broader business goals.

Freelance Software Developer
Jan 2019 - Present // Dallas, TX
- Engineered tailored software solutions using languages such as JavaScript, TypeScript, and Python.
- Crafted responsive web apps with NextJS, React, Django, and Flutter, emphasizing modern design.
- Managed robust databases like MySQL, PostgreSQL, and MongoDB, ensuring data integrity.
- Deployed applications on AWS & Firebase, using Docker and Nginx for scalability.

IT Operations Specialist / Web Developer
Dava Oncology
July 2018 - February 2020 // Dallas, TX
- Directed the launch of key company websites on AWS using WordPress, spotlighting AROG and OMI Technologies.
- Served as tech lead in assisting the COO and CTO, optimizing business operations.
- Established and managed expansive office networks, promoting seamless connectivity.
- Implemented cybersecurity measures to protect sensitive data and ensure compliance.

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
An AI-driven content creation platform developed with Next.js, React, and Tailwind. Features Prisma for operations, Clerk's security, Stripe for payments, and Crisp for live chat.

IPN Mobile App
A cross-platform mobile app developed using Flutter. Leveraging Firebase for its backend, it handles real-time databases, authentication, and storage seamlessly. Integrates with Google Sheets, YouTube, and Google Calendar APIs for consistent content updates.

Private YouTubeSync
A tool designed with JavaScript, Express, and the Google API to navigate YouTube's restrictions on private and unlisted videos. Uses OAuth2 for authentication, fetching data from a YouTube channel, and employs Json2CSV for data transformation.

Indeed Scraper
Indeed Scraper is a powerful web scraping program designed to extract job details from Indeed.com. It utilizes Puppeteer for web scraping and Cheerio for HTML parsing.