IAN BUNN - SENIOR SOFTWARE ENGINEER

Email: ian@ianbunn.studio
Website: ianbunn.studio
Github: github.com/ianbunn
LinkedIn: linkedin.com/in/ianbunn

SUMMARY

Self-taught engineer with experience creating scalable developer tools, enacting reliable RESTful APIs, integrating third party SDKs, building performant applications & systems, and crafting UIs.

SKILLS

Programming, Golang, Node.js, Bash, YAML, Python, Javascript, Typescript
Front-end UI, React.js, Vue.js, React Native, SCSS
Database, SQL, MariaDB, NoSql, MongoDB, Data Warehouse
DevOps, Amazon Web Services, RDS, ECS, EC2, Glue, S3, VPC, LB, SQS, RedShift and others
CI/CD, Docker, Terraform, Github Actions, GitLab CI/CD, EAS, Testing
Project Management, Agile, Request For Comment (RFC), Standard Operating Procedure (SOP)

PROFESSIONAL EXPERIENCE

Sr. Software Engineer

Deal.ai · Austin, TX · Hybrid · Nov 2024-Present · 1 mos

- Lead the UI design, technical implementation and deployment of a mobile app for audiobooks and help indie publishers and writers publish their own audiobooks, podcasts, and/or e-books
- Maintain and manage database using MongoDB with a lean data model design
- Implement RESTful API endpoints using NestJS to serve all business logic to flagship app
- Craft user-friendly designs for audiobook playback control, player views, and interactive pages to increase author popularity and engage users
- Create flagship app using React Native & Typescript to compile for iOS and Android build packages and deploy to respective app store using EAS (expo application services)

Technical Founder / Chief Strategy Officer

Green Growers Club · Boulder, CO · Remote · May 2024-Present · 5 mos

- Lead the technical design and development of a platform for cannabis cultivators
- Reduce deployment times by implementing CI/CD pipelines using Terraform with AWS Cloud provider
- Develop high-performance RESTful APIs in Golang, leveraging goroutines and channels to optimize concurrency and achieve a 20% reduction in API response times
- Design and code front-end UIs using Figma and React Native to launch to different platforms like iOS, Android and web

Software Engineer

WIN Reality · Austin,TX · Remote · Oct 2020-Apr 2024 · 3 yrs 7 mos

- Design and implement scalable, full-stack solutions using Golang for backend and RESTful API, VueJS for web dashboards, MariaDB in AWS RDS, Redis, Docker and AWS ECS to improve flagship app's features

- Integrate 3rd party APIs using Golang like Stripe for users' subscriptions billing, pay methods, etc., Customer.io and Hubspot for sales funnel initiatives, marketing efforts, and customer relationships, Acuity and Cal.com for appointment scheduling in flagship app and used for LMS lessons, to rapidly increase customer engagement and retention
- Build AWS Glue ETL pipelines using Python to populate RedShift data warehouse from multiple data sources to enhance customer experience, and support decision-making and resource allocations
- Author RFCs enabling cross-functional team collaboration, driving consensus-based technical decisions, and improve team cohesion leading to clear team goals

Front-end Engineer
[BuildGroup](#) (OpenExchange) · Austin,TX · Hybrid · Mar 2020-Oct 2020 · 8 mos
- Develop reusable VueJS components (tables, graphs, drag-and-drop, forms, etc.) using Javascript for flagship app with comprehensive documentation and unit tests to ensure component reliability and ultimately customer satisfaction
- Craft pixel-perfect, responsive UIs using VueJS and ensure Design Team's requirements were met to maintain & promote the brand's image
- Collaborate with back-end team, ensuring seamless full-stack integration by enforcing unit tests and updating RESTful API endpoints using Python with Django framework to increase development speed
- Present release demos to stakeholders in conferences, showcasing product value and potential for further investments

Software Developer
[Trusted Capital Group](#) · Austin,TX · Office · Jan 2018-Mar 2020 · 2yr 3 mos
- Engineer full-stack solutions using NodeJS for backend, ReactJS for web app, AWS EC2 to host solutions, RDS with different SQL databases to reduce call volume in customer service call center
- Deploy and manage self-hosted WordPress full-stack solutions in AWS EC2 for white-label website customization service leading to a new business revenue channel
- Support on-prem to AWS cloud migrations to decrease maintenance costs, improve scaling solutions and reliability

IT Technical Project Manager
[Trusted Capital Group](#) · Austin,TX · Office · Jan 2015-Jan 2018 · 3 yrs
- Apply PMP methodologies to manage scope, timelines and budgets, ensuring timely and cost-effective project delivery, overseeing many projects to successful execution
- Develop SOPs to streamline software development processes with externally contracted software engineers, improving efficiency and reducing communication gaps, ultimately maximizing technology investments
- Facilitate seamless collaboration between internal stakeholders and external development teams (contractors), fostering effective communication and innovative problem-solving
- Lead successful migration projects of on-prem and cloud-based IT infrastructures and proprietary software applications, enhancing system performance, scalability and reliability

CERTIFICATIONS

The University Of Texas At Austin
Full-stack Development Certification
Mar 2018-Apr 2019

FreeCodeCamp
Full-stack Web Development, Computer Software Engineering
May 2016-Jan 2017

EDUCATION

Our Lady Of The Lake University
Bachelor of Business Administration in Finance
Aug 2005-Dec 2008