Kenneth Bennett

https://kennybennett.com

EXPERIENCE:

F & B Wholesale   **Bronson, MI (Remote)**
Senior Full Stack Developer   **05/2022 – Present**
- Developed and deployed a real time auction website using React and TypeScript with millions in sales, 10k+ users, and over 1250 daily active users
- Integrated real-time data updates using WebSockets and React Query, enabling users to view live auction bids without refreshing the page
- Built scalable backend services using Golang and Node.js/TypeScript/Express, improving system performance and reducing API response times by 20%
- Enforced strict type checking in the build process using TypeScript and ESLint, ensuring zero type-related errors in production and improving code quality
- Integrated Square as a payment processor with batch payments which reduced payment fees by 50%
- Implemented in-app, email, and text notifications using AWS SES and SNS that increased user engagement by 25%
- Monitored and optimized app performance and infrastructure using Datadog and Sentry, integrating error tracking and logs for quicker resolution of production issues
- Built the infrastructure for production, staging, and development environments on AWS and Cloudflare using Docker and Kubernetes
- Leveraged Doppler to securely manage and automate the storage of API keys, environment variables, and secrets, ensuring seamless integration across development, staging, and production environments

Instra.AI   **Chicago, IL (Remote)**
Lead Full Stack Developer   **05/2021 – 09/2022**
- Developed a HIPAA-compliant healthcare CMS using React, Next.js, Prisma, Next Auth, and TypeScript
- Built a robust appointment scheduling system, including a calendar view for tracking doctor availability and scheduled appointments
- Wrote and maintained unit tests using Jest to ensure application reliability and catch potential issues
- Enhanced security by deploying the CMS on AWS with BAA compliance, ensuring 100% adherence to HIPAA standards
- Mentored 5 web developer interns in gaining experience and improving their skills in React, TypeScript, and modern development practices, leading to their successful contributions to production projects
- Led sprint planning and execution, assigning tasks to team members, tracking progress, and facilitating sprint retrospectives to continuously improve team performance and project outcomes
- Collaborated with management to understand business requirements, translating them into actionable tasks and detailed project plans for the development team
- Developed and maintained Terraform modules to standardize infrastructure deployment, including VPCs, EC2 instances, RDS databases, and S3 buckets, ensuring repeatability and reducing setup time

WhaleShares   **Remote**
Full Stack Developer   **10/2018 – 09/2019**
- Implemented features for friends and communities, boosting user engagement by 20%
- Developed and optimized search functionality, enabling users to efficiently find their friends, posts they like, and other relevant content, enhancing overall user engagement and satisfaction

SKILLS

Programming Languages: TypeScript, JavaScript, Node.js, HTML, CSS, Go

Libraries: React, React Native, React Query, Next.js, Express, Prisma, Jest, Cypress
Infrastructure: AWS, Cloudflare, Terraform, Docker, Kubernetes
Databases: MySQL, PostgreSQL, Redis, Clickhouse

EDUCATION:

Davenport University, Grand Rapids, MI
Bachelor of Science; **Computer Science**