Brody Dingel

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Professional Summary

- Full-stack software engineer with backend focus (Node.js), with experience in React and Next.js
- Passionate about writing scalable, maintainable, well-tested software
- Enthusiastic, eager learner always ready for opportunity to grow

Work Experience

Hy-Vee (*Grimes, IA*)

Software Engineer II   March 2022 – Present

Software Engineer I   May 2020 – March 2022

- Contributed to full-stack development on 30+ applications for e-commerce platform serving tens of thousands of customers daily
- Led team of 8 in discovery and development of numerous projects:
  - Event-driven external data ingest process using Pub/Sub and CDC to provide real-time data for new product catalog as company expanded nation-wide
  - Sitemap generator that deploys an updated sitemap of 250,000 products every hour for search engines to crawl and enhance SEO for e-commerce platform
  - Integration of merchandising platform with microservice architecture and React front-end to capture millions of daily customer interactions for a more personalized shopping experience
- Guided team in developing first 100% TypeScript APIs to provide type safety, improve DX, and establish pattern for future APIs
- Developed new strategy for testing React code to speed up development and encourage refactoring, and delivered presentation to over 80 fellow engineers
- Wrote hundreds of automated tests to protect against regressions in CI and give confidence for fully automated deploys to production
- Onboarded team to synthetic monitoring tool to automate application health checks and help maintain minimum 99.99% uptime

Iowa State University (*Ames, IA*)

Instructor of Spanish and Linguistics   August 2018 – May 2020

- Gained teaching/mentoring experience by instructing Spanish and NLP courses to 170 students
- Demonstrated ability to tailor communication to both group and one-on-one settings

Linguatorium Research Association (*Ames, IA*)

President   January 2020 – Present

Chief Operating Officer   February 2018 – January 2020

- Oversee operations and outreach to thousands of teachers and students across the globe
- Work with lead software engineer on development and testing of new features

Skills & Technologies

Advanced: TypeScript, Node.js, React, Next.js, JavaScript, Git / GitHub, Jest / RTL testing
Intermediate: Docker, CI/CD, SQL / NoSQL, CSS, Pub/Sub, React Native, Linux, Tailwind CSS
Novice: Kubernetes, Google Cloud Platform, Go

Education   Iowa State University (GPA 4.0)

Master of Arts, Applied Linguistics (computational emphasis)   May 2020
Bachelor of Arts, Linguistics & World Languages and Cultures (Spanish emphasis)   May 2018