

Daniel Hahn

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Summary

Senior Back-end Engineer with 8+ years of experience in optimizing applications for maximum speed and scalability, cooperating with other front-end developers and product managers, Solving any challenges.

Services

- Golang microservice architecture with concurrent programming
- Containerization with Docker/Kubernetes/AWS EKS/ECS
- SQL/NoSQL Programming
- Data/Event streaming with Apache Kafka/Amazon SQS
- Experienced CI/CD pipeline
- Unit testing using frameworks like Mocha, Jest, Jasmine, Karma, Cypress, Selenium
- Frontend development with React.JS, Angular.JS
- Agile/Scrum methodology

Experience



Back End Engineer

Pure Logics

Apr 2019 - Nov 2022 (3 years 8 months)

- Developed a microservices-based architecture with Golang, Kubernetes, Docker, MySQL/PostgreSQL, and Elastic search for 15 online education platforms that serve 1.5M users hourly.
- Re-implemented Platform API in Golang and PostgreSQL with Amazon Kinesis integration and integration with custom Web sockets solution implemented in Node.js.
- Perform the most complex product technical design and prototyping, software development, bug verification and resolution.
- Worked with MySQL, PostgreSQL as well as NoSQL databases like MongoDB, AWS DynamoDB, Redis.
- Reduced deployment time from 7 hours to 50 minutes by building 14 tools to automate deployment processes using Jenkins Pipelines and Kubernetes Jobs.
- Supported the development of 28 new features such as user authentication & authorization, course management system (CMS), and student information system (SIS) by designing APIs for an Edtech site.



Full Stack Engineer

Intersog

May 2017 - Mar 2019 (1 year 10 months)

- Assisted in requirements analysis, High Level Design, Low Level Design, and complex code development with React.js, Redux and TypeScript for 20+ applications.
- Developed one microservice - payment service of a project which is based on microservice architecture with Golang and deployed it using docker, Kubernetes and AWS.
- Wrote 200+ unit tests of financial system in Golang to ensure 100% of code within SDLC was without bugs.
- Collaborated with external programmers to coordinate delivery of 6 new software applications.



Junior Developer

Intersog

Aug 2016 - May 2017 (10 months)

- Worked at frontend part of some medium sized projects and designed UI/UX with WordPress, Bubble.
- Participated in frontend development using React.js, Redux and Vue.js.



Junior Engineer

Appier Japan (Emotion Intelligence)

Oct 2014 - Jun 2016 (1 year 9 months)

- Delivered responsive, cross-browser compatible and accessibility compliant websites, achieving 19% faster load time than industry average.
- Produced stunning visual elements of web applications by translating UI/UX design wireframes into code while producing high quality, reusable markup using HTML5 and CSS3.

Education



Tokyo Institute of Technology

Bachelor of Computer Science, Computer and Information Sciences and Support Services

Sep 2010 - Sep 2014

Skills

- Golang, Node.js, Python - Restful API, GraphQL, API integration, Payment integration
- React/React-Native, Next, Redux, Router, Hooks, Next
- Docker, Kubernetes, Apache kafka, Terraform, CI/CD, DevOps
- Clouding services – AWS, GCP
- Unit testing - Mocha, Jest, Jasmine, Karma, Cypress, Selenium
- Version & Ticket management - Git, GitHub, GitLab, Bitbucket, Jira, Trello
- Agile methodologies: Scrum, Kanban