Sean Doran

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TECHNICAL SKILLS

Languages: Java, Python, JavaScript, NodeJS, gRPC, Kotlin, Go, SQL (Postgres, MySQL, MS SQL), Android, HTML/CSS

Frameworks: VueJS, NodeJS, JUnit, MaterialUI, Spring Boot/Spring, MochaJS, Firebase, Heroku

Developer Tools: Git, Docker, Jenkins, Amazon Web Services, VS Code, IntelliJ, ConcourseCI, Terraform

AWS Tools: Auroa, Lambda, ECS ECS, ECR, EC2, ELB, CloudWatch, ELK Stack

EXPERIENCE

Comcast   June 2022 – Present
Software Engineer II   *Philadelphia, PA*
- Developed back-end APIs and services to support identity services.
- Facilitated cross-team engineering effort to architect a green-field identity solution for 85 clients.
- Completed design of entire production and staging infrastructure, using EC2, Fargate, ECS, and other AWS services.
- Increased deploy times by 70% with CI/CD, Terraform, Concourse Pipelines, and automatic builds and rollbacks.
- Pioneered conversion of code-base from JavaScript to TypeScript.
- Enhanced developer on-boarding and integration by 35%
- Utilized Elastic search, Logstash and Kibana to centralize, process, and visualize large volumes of log data generated by Microservices.

Menards   October 2020 – June 2022
Software Developer   *Eau Claire, WI*
- Engineered backend APIs and services to support online sales for over 2 million customers.
- Generated 60% more revenue with new cart and checkout system.
- Updated existing legacy systems to use new versions of Spring and VueJS to increase customer satisfaction and ROI on sales.
- Developed new cart and checkout experience to increase customer purchase total by 42%.
- Contributed to team discussions about effective development methods.
- Used Jenkins to build and run CI/CD pipelines.
- Worked with QA team to verify features and prevent bugs from occurring.

Software Engineering Intern   May 2019 – November 2019
Telligen   *West Des Moines, IA*
- Provided support and new development to a Java Spring-Based Healthcare application.
- Worked on an Agile focused team of 15-20 people to develop new software and maintain existing code-base.
- Provided development to bug-fixes and client issues.
- Participated in monthly team retrospectives to understand more efficient work practices.

EDUCATION

Iowa State University   Ames, IA
Bachelor of Science in Software Engineering   *Aug. 2016 – May 2020*

PROJECTS

Discord Bot | *NodeJS, DiscordJS, Private VPS, Firebase, Docker*   March 2020 – Present
- Developed a simple multi-purpose discord bot.
- Concurrent user base of 5-10K users.
- Engineered new features as requested by the community, including stock, crypto and COVID trackers.
- Implemented Generative AI image and text features using OpenAI APIs.

Anime UI | *NodeJS, ReactJS, Heroku, Firebase, Docker*   April 2022 – Present
- Developed simple React UI to display AniList and 9Anime Info
- Completed design using React and AniList API, to display user watch lists and show ratings.

COVID Data Tracker | *NodeJS, ReactJS, Railway, Public APIs*   June 2022 – Present
- Developed a simple graphic to show COVID-19 data.