

# JASON HAUGEN

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## SUMMARY

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Detail oriented software engineer with 4+ years experience working on customer facing projects for Amazon (retail) and Amazon Web Services. Experienced at working across teams and with open source contributors to deliver high quality changes in a timely manner. Lover of well maintained documentation.

From 2022-2024 I worked as a traveling WTA tennis coach. Now I am excited to return to software engineering!

## EDUCATION

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### Washington University in St. Louis

2014-2018

*Bachelor of Science in Applied Science - Major in Computer Science; Minor in Psychology*

St. Louis, MO

- Overall GPA: 3.61/4.0
- ITA Scholar-Athlete Honors, 4 years

## WORK EXPERIENCE

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### Amazon Web Services

October 2019 – June 2022

*Software Engineer II - EC2 Integrations*

Austin, TX

- GitHub maintainer for the AWS Node Termination Handler (1.4M+ downloads) and Jenkins EC2-Fleet plugin
- Designed and contributed AWS functional improvements to open source Kubernetes projects kOps & Atlassian Escalator
- Mentored college intern into full time hire
- Updated AWS EKS web console UI and functionality for managed node groups, accurate instance types, and best practices
- Presented a monthly learning series to educate team members on current work, learnings, and best practices
- Created and maintained clear on-boarding documentation for new hires

### Amazon

June 2018 – October 2019

*Software Engineer I - Mobile Homepage*

Austin, TX

- Owned the mobile homepage - served to millions of global customers daily via web browser and mobile apps
- Decreased P90 ATF page latency by 34%
- Built new content templates based on UI/UX designer specifications
- Migrated platform code from Perl to Java (Spring Boot)
- Co-hosted weekly office hours with UI/UX & PM to advise domestic and international teams
- On-call operational work responding to issues at a global scale

## TECHNICAL SKILLS

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- **Programming Languages:** Go, TypeScript, JavaScript, Bash, Python, Java
- **Tools & Platforms:** AWS, Node.js, Kubernetes, Docker, GitHub Actions, Terraform
- **Frameworks:** React, ExpressJS, Next.js, Tailwind CSS, Spring Boot
- **Databases:** PostgreSQL, MongoDB
- **Methodologies:** Agile, Test-Driven Development, CI/CD

## PROJECTS

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### Professional Projects

- AWS Node Termination Handler (Go) - <https://github.com/aws/aws-node-termination-handler>
- Jenkins EC2 Fleet Plugin (Java) - <https://github.com/jenkinsci/ec2-fleet-plugin>
- Example PR Review - <https://github.com/aws/aws-node-termination-handler/pull/411>
- Example Contribution - <https://github.com/kubernetes/kops/pull/10995>

## *Personal Projects*

- Full YouTube Theater (JavaScript)
  - Firefox browser add-on to increase the size of the YouTube video player when in theater mode
  - <https://addons.mozilla.org/en-US/firefox/addon/full-youtube-theater/>
- My portfolio website (TypeScript, React, Next.js)
  - Originally written with Express, Node.js, and EJS
  - <https://jqhaugen.com>
- Beaten Path (Unity Game - C#)
  - Contributed to the UI and the path finding algorithms
  - [https://store.steampowered.com/app/2584400/Beaten\\_Path/](https://store.steampowered.com/app/2584400/Beaten_Path/)

## **WORK EXPERIENCE - NON-TECHNICAL**

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### **DiLaura Tennis Academy**

**June 2024 - Current**

#### *High-Performance Tennis Coach*

Austin, TX

- Group clinics 5x a week, tailoring practices to players of various skill levels
- Private lessons to focus on technique and higher level situational strategies

### **Women's Tennis Association**

**July 2022 – Current**

#### *Travel Coach for Fernanda Contreras-Gomez*

- Global top 150 singles, top 100 doubles

### **St. Stephen's Episcopal School**

**Spring 2023, Spring 2024**

#### *Head Tennis Coach*

Austin, TX

- 2024 4A Southern Preparatory Conference Champions