Riley Rice

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Education:

Oregon State University — **B.S. Computer Science, GPA: 3.75**   Sept 2021 - June 2025
- First generation college attendee, currently on dean's list, and focusing in cloud application development.
- Active involvement in the Oregon State cybersecurity club, contributing to knowledge-sharing and skill development in cybersecurity. Placed top 10 out of 100 in the Oregon State Capture the Flag competition.
- Relevant Coursework: OOP, Data Structures, Program Design, Analysis of Algorithms, Assembly and Computer Architecture, Operating Systems, Networking, Discrete Mathematics, and Linear Algebra.

Professional Experience:

TDS Telecom LLC — **DevOps Engineer Intern**   July 2023 - Present
- Maintain highly configurable CI/CD Jenkins pipelines for 100+ applications with multiple languages and CD deployment strategies such as VMs with Ansible and distributed containers using Openshift.
- Built a cloud-native proof of concept pipeline with Openshift Pipelines (aka Tekton) for CI and ArgoCD for CD using the GitOps methodology that improved pipeline reliability and scalability over Jenkins.
- Developed a Jenkins pipeline improving developer workflow by enabling seamless selection of image tags from the GitLab container registry for deployment on Openshift. Accomplished by integrating query capabilities into an internal Python CLI tool and designing install and query shell scripts, ran by Jenkins.

TDS Telecom LLC — **Software Engineer Intern**   May 2023 - July 2023
- Responsible for ensuring smooth performance and functionality of 120+ crucial business tools and applications and maintained a high rate of uptime near 100% on the Internal Employee Tools team.
- Spearheaded a project to modernize the IT intranet site and delivered a robust and user-friendly website. Presented finished project to IT leadership (CIO), and finished 2 months ahead of OKR deadline.
- Developed high-quality code and stayed up-to-date with emerging technologies, including the .NET framework, Django, NodeJS, and Java frameworks. Used Golang on occasion.

Relevant Projects:

Java Network Chat — **Software Development | Link**   May 2020 - June 2020
- Acquired valuable expertise in code portability, optimizing efficiency, and GUI design.
- Gained extensive knowledge in networking, particularly at the application layer with sockets, enhancing overall understanding of network protocols.

To-Do Web Application Using MERN Stack — **Software Development | Link**   Aug 2022 - Sept 2022
- Utilized MongoDB as a robust database solution, implementing well-structured JSON schemas to facilitate effective data management.
- Seamlessly integrated Express and React to establish robust routing and a smooth front-end to back-end interface.

Skills:

Tools: Git, Gitlab, Vim, AWS lambda, Jira, Jenkins, ArgoCD, Openshift Pipelines (aka Tekton)
Frameworks/Libraries: React, Django, .NET Core, NodeJS, Express, MongoDB, OracleSQL, mySQL, Gin
Languages: JavaScript, Python, Java, Groovy, Golang, Bash, YAML, C#, C++, C, SQL

Activities & Other Information:

Activities: Actively contribute to open-source projects, participate in the Oregon State Cybersecurity Club, and maintain a personal tech blog to showcase my work on various programming projects.

Interests: Passionate about distributed computing and infrastructure, with a focus on leveraging infrastructure-as-code tools. Plan to obtain a graduate degree in the future to deepen my expertise.

Github: https://github.com/riceriley59 | **Portfolio:** https://riley-rice.com/
LinkedIn: https://www.linkedin.com/in/riley-rice32/ | **Blog:** https://hack-byte.com/