

# SYAM PRASAD CHITLURI

📍 Portland, OR, US    ✉ syamprasadchitluri@gmail.com    ☎ 971-666-3635    🔗 [LinkedIn](#)    🐙 [Github](#)    📁 [Portfolio](#)

## SUMMARY

Computer Science graduate student with 3-years of hands-on experience in Kubernetes, IaaS, PaaS, SaaS, Containerization, and CI/CD, Seeking full-time roles.

## EDUCATION

### Master of Science, Computer Science

Portland State University • GPA: 3.85 • Portland, OR • 2024

### Bachelor of Technology, Computer Science and Engineering

Gitam Deemed to be University • GPA: 7.89 • Visakhapatnam, India • 2020

## SKILLS

**Programming Languages:** C, C++, Java, Python

**Front End:** HTML, CSS, Bootstrap, JavaScript

**Technical:** Linux, Computer Networking, Operating Systems, Shell Scripting

**Tools & Technologies:** OpenShift, Kubernetes, Terraform, Docker, Git, Bitbucket, Helm, Sonar, Nexus, AWS, Azure, GCP Cloud services, Axway API builder, Scikit-Learn, Pandas.

## EXPERIENCE

### Product Engineer Co-Op • Boehringer Ingelheim

Feb 2024 - Present, Ridgefield, CT, USA

- Developed APIs in Node.js using the Axway API builder for the web application, enhancing system functionality. Achieved a 25% reduction in API response time.
- Assisted in the development of requirements and presented solutions to address business challenges.
- Contributed to rapid prototyping and the creation of minimum viable products.
- Collaborated with IT colleagues to understand and analyze business processes, identifying needs and areas for improvement.
- Deployed applications with modern infrastructure using Docker and OpenShift, ensuring efficient and scalable solutions, resulting in a 40% reduction in hosting costs

### Graduate Teaching Assistant • Portland State University

Sep 2023 - Dec 2023, Portland, OR, USA

- Assisted in teaching Sys Admin & DevOps course, offering guidance and support to students.
- Evaluated and graded assignments and projects, providing feedback to enhance student understanding and performance.

### Software Engineer • Accenture Solutions Pvt. Ltd

Dec 2021 - Sep 2022, Bangalore, India

- Designed architecture application workflow for Red Hat OpenShift on various clouds like Azure, AWS and Managed OpenShift (ARO), resulting in a remarkable 50% increase in client deployments.
- Developed customized Helm Charts for various OSS DevOps tools enabling one-click deployment strategy with Kubeapps and reducing deployment time by 25%.
- Developed Terraform scripts for provisioning of Cloud Infrastructure, enhancing the creation of K8s clusters across public clouds like AWS, Azure, and GCP, leading to an impressive 40% reduction in provisioning time.
- Created an automated Jenkins workflow to automate the environment readiness process across different environments.
- Configured Grafana and Prometheus for monitoring the platform in various k8s environments like KOPS, AKS and EKS, improving the resource utilization and reducing the incident response time by 20%.

### Associate Software Engineer • Accenture Solutions Pvt. Ltd

Aug 2020 - Nov 2021, Bangalore, India

- Successfully completed Greenfield training in Advanced Java, and Spring MVC framework, by completing training goals and meeting all mandatory requirements within the stipulated time.
- Created multistage docker files, for various OSS DevOps tools by customizing open-source images. and built the customized Docker images using docker/podman/kaniko, resulting in an impressive 30% reduction in both image size and build time.

### Data Analyst Intern • Tarantula Global

May 2019 - May 2019, Hyderabad, India

- Utilize Python and other programming languages for data manipulation, cleaning, and visualization.
- Assisted in the development and implementation of predictive models and data visualizations.

## PROJECTS

### Comparing Logistic Regression and Decision Tree for Titanic Survival Prediction • July 2023 - July 2023

- Conducted a comprehensive analysis to compare the performance of Logistic Regression and Decision Tree models in predicting survival outcomes for passengers aboard the Titanic.
- Trained models on the training dataset using scikit-learn library and evaluated the performance using various metrics.

### Personal Website Portfolio • Portland State University • March 2023 - March 2023

- Developed a portfolio website utilizing HTML, CSS, Bootstrap, and JavaScript, deployed this using GitHub Pages.

### Air Assist - Voice Assistant • Portland State University • March 2023 - March 2023

- Developed a sample voice assistant named "Air Assist" using Google Dialogflow. Used custom entities and fulfillment logic for all the intents, enabling seamless interaction and effective handling of users requests.

## CERTIFICATIONS

**Certified Kubernetes Administrator** • The Linux Foundation • 2023

**Microsoft Certified Azure Fundamentals** • Microsoft • 2021

## ACHIEVEMENTS

Received the **Client Value Creation** Award for a successful client implementation, showcasing dedication and value-driven results.

Recognized with the **Care Deeply For All Our People** award for Knowledge Transfer session to new joiners.