

AJAY GAUR

Denver, CO 80202, USA

+1 303-437-9446

ajaymahesh.gaur@ucdenver.edu

[LinkedIn: iamajaygaur](#)

[Github: iamajaygaur](#)

Education

University of Colorado Denver

Master's in Computer Science

August 2025 – Present

Denver, CO, USA

RMD Sinhgad School of Engineering, Pune

Bachelor's of Engineering in Computer Engineering – 8.8/10 CGPA

July 2020 – May 2023

Pune, Maharashtra, India

Technical Skills

Programming & Scripting Languages: Python, Java, C, HTML/CSS, JavaScript, SQL, Spring Boot

Cloud Platforms (AWS): EC2, IAM, S3, EKS, RDS, EBS, Auto Scaling

DevOps & Automation Tools: Git, Terraform, Docker, Kubernetes, Prometheus, Grafana, Ansible, Argo CD, SonarQube

Technologies/Frameworks: Linux, Jenkins, GitHub, JUnit, WordPress

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio

Experience

Concentrix

Technical IT Support

Feb 2025 – July 2025

Pune, Maharashtra – India

- **Delivered IT support** with 95% first-contact resolution, handling 40+ tickets daily and maintaining 98% **SLA adherence**. **Enhanced system reliability and security** through patching, monitoring, and preventive maintenance
- **Optimized employee onboarding by 50%** by streamlining **workstation setup**, **account configuration**, and ensuring faster integration and improved **user productivity**

Thinking Hut IT Solutions

DevOps Trainee

Sep 2023 – Oct 2024

Pune, Maharashtra – India

- **Assisted in managing AWS services (EC2, S3, IAM, EKS)**, improving cloud infrastructure efficiency by 20% through optimized resource usage and monitoring. Supported the design and execution of **CI/CD pipelines**, reducing deployment errors by 30% and improving delivery speed by 20%
- **Automated infrastructure provisioning with Terraform and Ansible**, reducing setup time by 25%, and implemented **security best practices**, lowering cloud vulnerabilities by 15%

Projects

Healthcare Application CI/CD Deployment | *Docker, Jenkins, k8s, Prometheus, Grafana and Maven* **Project Link**

- Built and managed **CI/CD pipelines** and automated **AWS deployments** using **Jenkins, Terraform, and Docker**; **deployed containerized applications on Kubernetes** for scalability and high availability
- Integrated **Prometheus and Grafana** for monitoring; experienced in **automation** and **pipeline optimization**

Containerized Zomato Clone | *Jenkins, k8s, Docker, Sonarqube, and OWASP*

Project Link

- **Developed a Zomato Clone** using microservices architecture, improving **modularity** and **scalability**, and **automated CI/CD pipelines with Jenkins** for streamlined build, test, and deployment
- **Containerized services with Docker** and deployed on **Kubernetes** for auto-scaling and high availability; implemented **code quality** and **security checks** using **SonarQube** and **OWASP** standards

3D Modeling of X-Ray Images using Virtual Reality - Copyright Filed © | *(15447/2023-CO/SW)* **Project Link**

- Engineered a **3D model** of knee bones from **X-rays** using **Canny edge detection** and **integrated VR** technology, **enhancing bone implantation accuracy** and improving **diagnostic precision** over **CT scans**

Waste Management System using IOT - Copyrighted © | *Registration Number: SW-14751/2021*

Project Link

- **Developed an IoT-enabled Waste Management System** with **real-time monitoring** and **automated disposal alerts**, reducing overflow and supporting **smart city initiatives** with a **scalable, cost-efficient solution**

Certification

- DevOps Certified - StarAgile
- Microsoft Azure Fundamentals - AZ900
- AWS - Cloud Foundation
- NDG - Linux Essentials and Unhatched
- CPA: Programming Essentials in C++
- PCPA: Programming Essentials in Python
- IIT Bombay Spoken - Java, CPP, C, and Python