

Sreyeesh Garimella

Full Stack Developer | Technical Director | DevOps Specialist | Python Developer

Valgjärve, Põlvamaa, Estonia

[LinkedIn](#) | [Portfolio](#)

Email: sgarime1@gmail.com | Phone: [+372 5827 7155](tel:+37258277155)

Professional Summary

Skilled **Full-Stack Developer** and **DevOps Specialist** with extensive experience in developing and delivering **full-stack applications** across various industries. Proficient in both **frontend** and **backend** development, from **user experience design** to **backend architecture**. Expertise in **REST API** development, **cloud platforms (AWS, Azure)**, **database management (MongoDB, SQL)**, and optimizing workflows with modern technologies. Experienced in mentoring teams, managing complex infrastructure, and modernizing legacy systems to improve efficiency and scalability. Passionate about leveraging technology to drive impactful solutions in dynamic environments.

Technical Skills

- **Programming & Scripting:** Python, Bash, SQL, JavaScript, Lua, Go
- **Frontend Development:** React, Vue.js, Next.js, JavaScript, HTML/CSS
- **Backend Development:** Node.js, Express, Go, PHP, REST APIs, SQL (PostgreSQL, MySQL), MongoDB
- **Tools & APIs:** ShotGrid, Deadline Monitor, Katana, RenderMan, Grafana, Jenkins, GitLab
- **DevOps & Automation:** Docker, Kubernetes, Ansible, Terraform, Jenkins
- **Cloud Platforms:** AWS, Azure
- **Database Management:** MongoDB, PostgreSQL, MySQL
- **Version Control:** Git, GitLab, GitHub
- **API Development:** REST APIs, Python-based APIs, Integration of APIs with rendering tools (ShotGrid, Deadline)

Professional Experience

DevOps & Multi-Disciplinary IT Consultant

November 2023 – Present | Estonia

- Developed **full-stack applications** for clients, using **React** for the frontend and **Node.js** for backend services.
- Configured and managed **cloud environments** on **AWS** and **Azure**, ensuring scalability and performance.
- Built and integrated **REST APIs** for backend services, automating workflows and cloud deployments.
- Implemented **CI/CD pipelines** using **Jenkins**, **Terraform**, and **Ansible** to automate the deployment process.

Owner & Full Stack Developer | SG Production OÜ

July 2022 – Present | Estonia

- Developed and deployed **full-stack applications** for **Deadline**, **ShotGrid**, and **Katana**, handling everything from **frontend** design to **backend architecture**.
- Created and integrated **REST APIs** to manage **data interactions** with **MongoDB** and **PostgreSQL**.
- Automated workflows using **Docker** and **Ansible**, optimizing deployment and scaling processes.
- Managed and set up **large MongoDB** and **SQL databases** for data storage, project tracking, and pipeline management.
- Wrote **Python automation scripts** to manage databases and scrape large datasets, improving data workflows.

DevOps Engineer | Smartmatic-Cybernetica C.O.E for Internet Voting

January 2024 – August 2024 | Estonia

- Architected and deployed **cloud infrastructure** using **Docker** and **AWS EC2** for scalable full-stack applications.

Developed microservices and automation tools using **Go**, improving system reliability and performance. - Implemented **Infrastructure as Code** using **Ansible** for automated environment provisioning and configuration management. - Created comprehensive **AWS** deployment strategies, including load balancing, auto-scaling, and security configurations. - Built and maintained **CI/CD pipelines** for containerized applications using **Docker** and automated deployment workflows.

Lighting Technical Director | DNEG

August 2022 – March 2023 | London, UK

- Automated lighting and rendering processes with **Python** and **Katana**, integrating **RenderMan** for optimized shaders.
- Developed **full-stack applications** to monitor render processes, integrating **React** for the frontend and **Python** for backend services.
- Managed **render queues** using **Deadline Monitor** and optimized system performance and uptime. - Led modernization of legacy Python codebase for lighting automation tools, improving pipeline stability and maintainability.

Render Wrangler | Boulder Media

November 2019 – January 2021 | Dublin, Ireland

- Managed **rendering workflows** using **Deadline Monitor** and automated the process with **Python** and **Shell scripting**.
- Built **full-stack applications** to track and manage render jobs, using **React** for the UI and **Node.js** for backend services.
- Developed and integrated **REST APIs** to streamline project management with **ShotGrid**.
- Managed **large MongoDB databases** for render data storage and automated **data scraping** and processing with **Python**. - Modernized legacy Python scripts in the rendering pipeline, enhancing workflow efficiency and reducing technical debt.

Certifications

- **Build Front End Web Apps from Scratch**
- **Introduction to Python 3 Programming**
- **Front End Web Development Basics with React.js**
- **Programming with Python**
- **Introduction to CSS Training**

Education

- **Bachelor of Arts in Animation** – California State University, Northridge (2010–2012)
- **Associate of Arts in Animation** – College of the Canyons (2007–2010)

Links

- **LinkedIn:** <https://www.linkedin.com/in/sreyeeshgarimella>
- **Portfolio:** <https://ittoucan.com>