

# Saikiran Belana

Hyderabad, Telangana, India



saikiransanju22@gmail.com



7702777069



[linkedin.com/in/saikiran-belana-81004613a](https://www.linkedin.com/in/saikiran-belana-81004613a)

## Summary

I'm currently employed as Full Stack Developer at LightSpeedAI Labs. I'm inclined toward working on challenging projects with exposure to upcoming technologies.

I work on application design, code, and Scale on a network of servers with DevOps Practices.

Expertise in:

Programming languages: Javascript, Bash, YAML, EJS, Python, Arduino.

Databases: SQL, MongoDB.

Frameworks: NodeJs, ReactJs, Express, Material UI, TailwindCSS

Operating system: Linux & Windows

Cloud-Based: AWS, Azure, On-Premise

DevOps Tools: Docker, Kubernetes, Vagrant, Jenkins, Rancher, Grafana-Monitoring with Prometheus, GitHub CI/CD.

Version Control: Github, CodeCommit

GitHub: <https://github.com/belanasaikiran>

Extras- Video Editing

## Experience



### Full-stack Dev | Azure

LightSpeed Photonics

Sep 2021 - Present (1 year 3 months +)

- Designing web application flows by creating quick prototypes of wireframes and UI components using BalsamiqCloud & Figma.
- Building Restful API services using NodeJs & ExpressJs to run FPGA-based applications with Bash Scripts.
- Address complex issues for real-time apps with WebSockets connectivity.
- Responsible for maintaining the company's portfolio website with responsive & functional UI components for perfect user experience on any device.
- Deploy Intel FPGA-based Docker Images to On-premise Kubernetes with Webhooks & connecting to Azure Kubernetes Service to run FPGA apps remotely.
- Coordinating with Interdisciplinary teams to understand FPGA-based applications for building CI/CD pipelines and developing user-friendly real-time web apps for application deployment on FPGA hardware.
- Contribute to the overall software development life-cycle including requirements gathering, analysis, design, development, release/version control(Git), testing, and deployment



### Software Intern

LightSpeedAI Labs

Apr 2021 - Aug 2021 (5 months)

- Generated Petalinux OS images for Xilinx FPGA boards
- Automated bash scripts for image generation
- Deployed instances & virtual network interfaces for sub-netting multi instances, and managed code-commit repositories on AWS
- Built a GUI to demonstrate video analytics on custom EdgeAI Acceleration Hardware

## Education



**Jawaharlal Nehru Technological University, Hyderabad**

Bachelor of Technology - BTech, Computer Science

2016 - 2020



**Sri Chaitanya Jr. College**

Plus 2, maths, physics and chemistry

2014 - 2016



**Kennedy High school**

High School , High School/Secondary Diploma Programs

2012 - 2014

## Licenses & Certifications



**Docker Mastery: with Kubernetes +Swarm from a Docker Captain - Udemy**

UC-18f9c634-dda4-4d81-bb0f-71907de16cd5

## Skills

Tailwind CSS • Kubernetes • Docker • Node.js • Microsoft Azure • Bash • YAML • Amazon Web Services (AWS) • Github Actions • React.js