Rahul Kumar
Associate Technical Lead - R&D

Innovative Associate Technical Lead - R&D with 5.5+ years of experience in application design, development and deployment. Highly experienced in developing complex software through various programming languages and passionate for artificial intelligence , machine leaning and new technologies.

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WORK EXPERIENCE

Associate Technical Lead - R&D
Tetherfi Technologies

03/2019 - Present

Achievements/Tasks

- Determining new requirements, delegating tasks to team members and ensure tasks are completed as per plan.
- Lead 5 software engineers and provided technical guidance and conducted peer code review.
- Research on adding new technologies like AR/VR, machine learning and deep learning to existing products.
- Developing proof of concept for new product ideas and showcase.
- Designed scalable system and automated the deployment and configuration process through CI/CD pipeline.
- Extensively worked on Computer Vision, NLP, ML Training Pipeline, Edge Computing and incorporated them to new and existing products.

Research and Development Engineer
Ashwa Innovations

10/2018 - 04/2019

Achievements/Tasks

- Designed and developed IOT device hardware and software solution to handle 1+ million device events in AWS.
- Worked on embedded programming and LoraWAN wireless mesh network with raspberry pi for edge communication and device control.
- Designed microservices and serverless architecture in AWS and optimzed cost and performance.
- Worked on technologies like vuejs, nodejs and python.

Sofware Developer
Tetherfi Technologies

06/2016 - 10/2018

Achievements/Tasks

- Worked on product enhancement and migration of product to new design and deployed in 5+ client location
- Developed products using ASP.NET , Kendo , Javascript and C#.
- Worked closely with product team on scope of future projects and innovations.
- Developed SQL Stored procedure for data manipulation and querying data for SQL Server.

TECHNICAL SKILLS

Python C# NodeJs React

Vuejs ML/DL Tensorflow/Keras

YOLO VR AWS/GCP Docker

Kubernetes Ansible OpenCV

OpenVino DevOps

EDUCATION

BE in Electronics and Communications
SMVITM

06/2012 - 06/2016

LANGUAGES

English
Full Professional Proficiency

Kannada
Native or Bilingual Proficiency

AREAS OF EXPERTISE

Software Design & Development

Machine Learning Deep Learning

Software Design & Development

Team Leadership Computer Vision

NLP