RAJESH KUMAR G A

Student of NIT Durgapur & Full Stack Developer at Kruzr.

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CAREER VISION

To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning.

CAREER SUMMARY

➢ An innovative thinker, initiative taker and multi-dimensional professional with exceptional logical and Analytical skills.
➢ Quick learner and ability to work under pressure.
➢ Experience in designing, developing, implementing computer-based software.
➢ Possess good management and organizational skills and Ability to handle multiple tasks.
➢ Good motivator, enthusiastic and open to learn new ideas.

RELEVANT EXPERIENCE

➢ **Full Stack Developer** at Kruzr.
➢ **Project Assistant** for Computer Vision Lab and Data Structures Lab at Department of Computer Science & Engineering, National Institute of Technology, Durgapur.
➢ **Project Associate** for Computer Vision Lab under prof. Goutam Sanyal, NIT Durgapur.
➢ **Project Fellow** under prof. P.V Reddy M S Engineering College Bangalore.

TECHNICAL SKILLS

➢ **Programming languages**: C, Java, Python.
➢ **Web Skills**: Html & Css, Bootstrap, AngularJs, JavaScript, JQuery, Php. Charts.Js, UI Grid, Restful api.
➢ **Tools:** Eclipse, Git, Svn, Pycharm, MatLab, Sublime Text.
➢ **Technologies**: Open CV python, Machine learning (CNN, Tenserflow, TFlearn,), Image Processing.
➢ **Operating systems**: Ubuntu, Windows.

EDUCATIONAL QUALIFICATIONS

➢ Master of Technology in Computer Science & Engineering (NIT Durgapur, CGPA – 8.35/10).
   National Institute of Technology, Durgapur, India.
➢ Bachelor of Engineering in Computer Science & Engineering (VTU, Percentage – 60.76 %).
   MS Engineering College, Bangalore, India.
➢ Intermediate (CBSE Board, Percentage – 65.40%) *Jawahar Navodaya Vidyalaya Chikkaballapura.*
➢ High School (CBSE Board, Percentage – 78.40 %).*Jawahar Navodaya Vidyalaya Chikkaballapura.*

PROJECTS

Project Title: "Khaga Supplier portal".
   Developed a web site for Supplier Company where user can register and access the web site and can generate an invoice and check supplier, payment, and shipment details. Whereas admin can activate and deactivate and gives access permission to visit pages. And dashboard to view complete performance.

Project Title: "Kruzr Dashboard".(*Link to sample code:* https://github.com/RajeshkumarGA/Kruzr_DashBoard)
   Implemented a dashboard which gives complete view of how many downloads per day/week/month/hear in graphs. Area wise downloads view, and gender wise downloads and retention rate of downloaded and developed a token based authorized access system.

Project Title: "Kruzr Website".(*Link to sample code:* https://github.com/RajeshkumarGA/Kruzr)

Developed a company web site based on requirements and there are completely different views for desktop and mobiles.

Project Title: "*Dynamics of Facial Expression Extracted Automatically from Video or images Using CNN".*

Developed convolutional neural networks (CNN) for a facial expression recognition task. The goal is to classify each facial image into one of the seven facial emotion categories like Angry, Disgust, Fear, Happy, Sad, Surprise, and Neutral. And shows the percentage of each emotion in a face on a frame.(*Link to sample code:* https://github.com/RajeshkumarGA/Facial-Emotion-Analysis-Discriminating-Real-Using-Convolution-Neural-Network)

Project Title: "*Efficient and secure content processing across data transmission".*

Approach that addresses data integrity and confidentiality in content adaptation and caching by intermediaries. It permits multiple intermediaries to simultaneously perform content services on different portions of the data. This protocol supports decentralized proxy, key management and flexible delegation of services.

OTHER PROJECTS (*Link to sample code:* https://github.com/RajeshkumarGA)

- ➤ *Simple Encryption and Decryption*: Developed Simple login based Encryption system which can select file from system and encrypt the text and select an image from system and take input text and hide in the image. And corresponding decrypts.
- ➤ *Artificial Neural network Assignments*: Implemented k-means Clustering algorithm and The Traveling Salesman Problem using Mat lab.
- ➤ Developed a 9x9 *Sudoku game* using java.
- ➤ Developed a One page **personal Website** (https://rajeshkumarga.github.io/).

PAPER PRESENTATION AND RESEARCH

- ➤ Paper ID:239,Title: **Facial Emotion Analysis using Deep Convolution Neural Network** paper have been accepted for presentation in the IEEE International Conference on Signal processing and Communication (ICSPC17)
- ➤ Paper ID: ICCIDS-2017-411, Paper Title: **Discriminating Real and Fake Smile Using Convolution Neural Network**, has been ACCEPTED to publish in the International Conference on Computational Intelligence in Data Science (ICCIDS-2017) and indexed in IEEE Explore Digital Library.
- ➤ Paper ID 413 **Determine Attention of Faces through Growing Level of Emotion using Deep Convolution Neural Network** is accepted for presentation and publication in IEEE International Conference on Intelligent Computing, Instrumentation & Control Technologies (ICICICT-2017).

TRAININGS

Undergone Java and J2EE course in uttara InfoSolutions Pvt.Ltd from September 2011 to January 2012

ACHIEVEMENTS & PARTICIPATION

- ➤ Qualified all India **Gate Exam**.
- ➤ Programming Contests: Actively participate in online programming contests (Hacker Rank) and *4 star coder in algorithms*
- ➤ Secured *3rd **place*** at regional level Collage Competition.
- ➤ Participated in International Level Science Talent Exam & Secured 1st in school level.

HOBBIES

Competitive Coding | Internet Surfing | Solving Sudoku and rubik's cube | Listening to music | Reading Books.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Bangalore. *Signature*
Date: *Rajesh Kumar G A*