

Deep Chand Kelika

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Location: Birmingham, AL

PROFESSIONAL SUMMARY:

- Skilled software engineer with years of experience in Java, Pega, Data Science, currently pursuing my Master of Science in Computer Science to upgrade my skillset.

EDUCATION:

- **Sphoorthy Engineering College.** August 2016 to May 2019
Bachelor of Technology in Computer Science and Engineering
- **University of Alabama at Birmingham.** Expected graduation date: Apr 2024
Master's of Science in Computer Science – Present.

CERTIFICATIONS:

- Pega CSA Certification V.8(Pega System Architect)
- [PCAP-31-03] PCAP – Certified Associate in Python Programming
- HackerRank Gold Badge, Java and Python.

TECHNICAL SKILLS:

- **Languages:** C, Python, Java, SQL, HTML, CSS, XML, JSP, Javascript, Pega v8, Pega RPA
- **IDE/Tools:** Pycharm, Eclipse, Jupyter Notebook, Oracle SQL Developer
- **Office:** MS Word, Powerpoint, Sheets, Office 365
- **General:** Technical writing, Teamwork, Communication, Problem Solving, Time management

PROFESSIONAL EXPERIENCE:

Virtusa Consulting Services Pvt Ltd. Software Engineer. August 2019 - August 2022

- **Flagship Credit Acceptance**(Banking Project): **Technologies used:** Pega 8.1.3, SQL **Role:** Developer
Flagship Credit Acceptance provides auto financing to sub-prime category members in the US. Its way of getting business is through auto dealers who redirect customers for auto loans. Responsible for delivering User Stories. Used Activities, Data Transforms, Report Definition, SQL, Dynamic layouts in Sections, Flow Actions, Tracer.

- **Genesis Retail Project:**(Banking Project) **Role:** Developer
Technologies used: Python(Pyspark), Scala, Oracle, Hive, HDFS, Maven, Linux Shell scripting
We basically monitor and create different types of reports for Citi Bank data, and send them to the US Government. I worked on several applications in it as a Developer, we used Big Data to handle the data.

- **Product Warranty Claims(POC):** Technology: (Pega 8.3)
An Industrial product retail store and e-commerce site, i.e., General Motors Inc., has decided to use Pega to administer their warranty handling process. General Motors offers numerous products in multiple categories such as Motors, Electrical Lighting, and so on.

- **VForum (Virtusa Form)** (POC): Technology: Java, HTML, CSS, JSP, JavaScript, SQL, XML
VForum is a Q&A platform for Virtusa Employees. Any fresher in the company can post queries and any other Virtusa employee can answer them in comments. Each user edit, delete their own questions. They can review the history of their questions. Admins have the right to delete any post. Every user will have their login credentials as EmplID or Office mail ID and a password.

- **Stumagz:** Intern Content Writer. Dec 2016 – Dec 2018
I wrote articles on Technology and Psychology as part of my school paper. In addition to content writing, I also worked in operation and marketing to organize school events such as Hackathon, Writer Cultural Fest, Show your talent.

Profile link: <https://www.stumagz.com/in/deepchand/>

Examples:

<https://www.stumagz.com/in/deep-web-is-the-99-of-the-internet-you-don-t-see/>

<https://www.stumagz.com/what-would-happen-if-the-sun-disappeared-/>

<https://www.stumagz.com/in/warren-buffett-s-2-list-strategy-to-achieve-goals/>

PROJECTS

- **Emotion Recognition Using CNN(Convolution Neural Network)**

Technologies Used: Python (Libraries: OpenCV, tfLearn, Keras, Tensorflow, NumPy)

Analyzes human's facial expressions and detects emotions such as Happiness, Sadness, Anger, Disgust, Surprise, Neutral, and Fear. Using CNN for emotion recognition involves training a deep learning model on a large dataset of facial images labeled with corresponding emotions. The model learns to extract features from the images and classify them into different emotions. OpenCV is used for face detection and image preprocessing, while tfLearn, Keras, and Tensorflow are used for building and training the CNN model. NumPy is used for numerical computations and data manipulation.

- **E-Leave:**

Web application for students to apply leave online. This was implemented as we have a motto in our college by our department head to reduce paper usage.

Technologies Used: HTML, CSS, Javascript, PHP, XML, SQL.