# Neelansu Kumar

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## EDUCATION

**CMR Institute of Technology**                                               Bengaluru, KA
*B.E in Computer Science and Engineering,8.26*                          *Aug. 2019 – June 2023*

**School of Creative Learning**                                                   Patna, BR
*PCM,79*                                                                    *Aug. 2016 – May 2018*

## CERTIFICATIONS

**AWS Fundamentals: Building Serverless Applications**                              Dec2021
*Coursera*
- Learnt about serverless computing, which is a way to run code without needing to manage the underlying infrastructure.
- Learnt about these tools and services, and became more proficient in creating and choosing serverless solutions for real business problems

## WORK EXPERIENCE

**Data Science Intern - Quinbay Technologies**                                Nov 23-present

* Trained a Yolo model on logo detection on images uploaded on BliBli website
* Worked on Gen-AI and Stable diffusion for images uploaded by seller on BliBli website which helped in background generation of images using auto-prompt based on product category,name and description using gpt 3.5.

## PROJECTS

**JobScrapeX: Web Scraping and Job Data Management Project** | *Python, Django*       August 2023
- Led end-to-end development of a project involving web scraping job data from Indeed, storing it in MongoDB, and creating a Django admin panel.
- Expertly employed Python for web scraping, utilizing MongoDB for optimized data storage and retrieval.
- Developed function to calculate average salary for different cities

**StyleSage** | *Python*                                                  Oct 2022 – May 2023
- Developed an innovative fashion trends recommender system utilizing web scraping, image processing, and a recommendation engine based on deep learning techniques.
- Implemented web scraping techniques to collect trending fashion images from Instagram and utilized image processing algorithms to preprocess and extract features from the images.
- Leveraged Convolutional Neural Network (CNN) and ResNet50 models to analyze the visual features of fashion products and identify similarities between different items.

**LibraryLink** | *PHP, XAMPP server, MySQL, CSS,HTML*                     June 2021 – Aug 2021
- Developed a comprehensive database and student management system for the library, reducing paperwork by 50 %
- Maintained a student database of over 200 users, including borrowing history, personal information, and book recommendations, improving overall user experience and satisfaction.
- Improved library efficiency by automating book check-in and check-out processes, reducing wait times by 60%, and enhancing data accuracy by eliminating human error.
- Demonstrated proficiency in database management,strong problem-solving and critical thinking skills, software development, and project management, resulting in positive feedback from library staff and patrons.

## TECHNICAL SKILLS

**Languages**: Java, Python, C, MySQL , JavaScript, HTML,CSS
**Frameworks**:Pytorch,Django
**Developer Tools**: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse,Figma
**Interests**: Artificial Intelligence, Large Language Models(LLM) Fine Tuning