

Lakshay Dulani

Artificial Intelligence Architect

10.5+ Years Experience

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EXPERIENCE

EY India, Noida - Assistant Manager

May 2016 - December 2021

- Lead Proof of Concept projects in AI ML/ IOT
- SPOC for mobile app development for pan EY
- Received Spotlight and Kudos awards for exceptional performance

Projects

- **Social Media Comments Multi class classification and Sentiment Analysis** - The project is to clean and translate the dataset of comments received across different social media of a major Spanish Ecommerce brand, and apply Classification and Sentiment Analysis and generate reports.
Technologies: HuggingFace Transformers, BERT
- **Logo eraser system for Ecommerce products** - We built a Generative AI system which detects logos from products' images and erases the logo from the product image.
Technologies: Samsung's LaMa paper's code
- **Similar Product Recommendation system** - The system is used to retrieve similar product articles based on the selected article.
Technologies: PyTorch, OpenCV, Weaviate, OpenAI CLIP
- **Person Reldentification using Jetson Nano** - The project is to monitor the person movement in an industrial area.
Technologies: Jetson Nano, Deepstream, PyTorch
- **EY India Tax Insights, EY India CFO Insights** - Both the projects are Cordova/Ionic Mobile Applications.

I was responsible for the technical architecture and the UI/UX. I lead a team of five, being responsible for Software development and Information Security clearance.

Technologies: Ionic, Cordova, ASP.NET MVC API and AngularJS

SKILLS

Artificial Intelligence:

- PyTorch
- NLP
- NLTK
- Langchain
- Huggingface
- Generative AI
- Pinecone/Weaviate
- Gradio
- ChatGPT
- VAE
- GANs
- Azure ML studio
- NLTK
- AWS Sagemaker
- MLFlow
- YOLO model

Full-stack:

- Agile
- Docker/Kubernetes
- DSA
- Javascript
- Python
- NodeJS
- ReactJS
- Puppeteer
- Cordova/Ionic
- MS-SQL
- MongoDB

To The New Digital, Noida - Senior Software Engineer

August 2015 - May 2016

- Design & development of AngularJS and MEAN stack apps
- Handled sales calls, hiring new engineers & mentoring team

Projects

- **Buildfire** - It is one of the leading no code mobile application development platforms. Worked in a team of ten developers while leading a team of two, being responsible for UI/UX development.

Technologies - MEAN stack

Icreon Technologies, Noida - Software Engineer

May 2014 - May 2015

Projects

- **StartingPoint, MLBPA** - These are web based ERP software. Worked as Individual contributor in a team of five, responsible for full stack Javascript development with MS-SQL.

Technologies: AngularJS, .NET API, MS SQL

Sapple Systems, Noida - Software Engineer

July 2011 - April 2014

EDUCATION

BITS, Pilani WILP

*M.Tech Software Systems
(Distance Education)*

2013 - 2015

Amity University

B.Tech Electronics

2007 - 2011 - First Division

INTERESTS

- SaaS
- Information Security
- Blogging on [Medium](#)
- Blockchain