# Yogendra Verma

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## EXPERIENCE

### Sr. Data Scientist
March 2023 – Present

*Gramener* — *Delhi*

- On-site Data Scientist at National Health Authority, tasked with automating medical claims processing for Pradhan Mantri Jan Arogya Yojana Scheme.
- Implemented MLOps methodologies, leveraging AWS Deployment and Kubernetes clusters, to achieve scalability and process 100,000 documents per hour, enhancing operational efficiency, and maintaining a 94% accuracy

### Sr. Data Scientist
June 2022 – Feb 2023

*Thinkbridge* — *Pune*

- Implemented AIML-based e-billing assistant model that can automatically identify or flag the bills that have the potential to be rejected.
- Developed advanced AI algorithms for the automation bill remediation system for the rejected line Items In the e-bills to quantify the current rejection rate and help to reduce the rejection ratio.

### NLP Platform Engineer
Dec 2020 – Dec 2021

*Quatrro* — *Gurugram*

- Designing and constructing a document classification system to automate the loan underwriting process and cluster documents from comprehensive loan packages spanning 1500+ pages and 30+ categories.
- Extracting data from scanned PDF bank documents, including tables and images, to expedite the loan application underwriting process.

### Data Scientist
Aug 2018 – Nov 2020

*Edu-Fabrica* — *Delhi*

- Design and build an Automation system based on AIML to Support Process and Hotel customer Reviews Sentiment Analysis

### Embedded System Engineer/SME
May 2014 – Jan 2016

*Kyrion* — *Delhi*

- Design and develop IOT Based Smart home Automation To control appliances at fingertips from anywhere in the world

### Research Engineer
May 2012 – July 2013

*Robosapiens* — *Delhi*

- R&D Embedded System-based devices, creating both major and minor projects for academic and industrial purposes.

## PROJECTS

- Auto Adjudication System
- Document Quality Index Calculator
- E-billing Assistant Automation System
- E-bill remediation system
- Classification Solution for Scanned Documents
- Scanned Documents Data Extraction

## TECHNICAL SKILLS

**Programming Languages:** Python, Embedded C, SQL, MySQL
**Frameworks**: Tensorflow, PyTorch, Streamlit, Gramex, Keras, Matlab, Flask
**Developer Tools**: Git, VS Code, Anaconda, Azure CLI, AWS CLI, Heroku, Docker, Kubernetes
**Libraries**: NumPy, Matplotlib, Pandas, scikit-learn, Seaborn, OpenCV, Huggingface, Plotly,OpenAI,

## Education

**BPUT University**                                                      Orissa
*MTech in Computer Science and Engineering*                *Aug 2016 – June 2018*


**ICFAI University**                                                    Dehradun
*BTech in Electronics and Communications Engineering*      *Aug 2008 – June 2012*

## Extra Curricular

**Embedded System Trainer** Conducted multiple trainings for pan India institutes like CDAC and NTPC.
**Technical Head** of Collegiate Students Welfare Committee