KUMAR HEMANT

(he/him)

Principal Data Scientist
Product Management
Entrepreneur / Intrapreneur

Personal Info

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📍 Trifecta Esplanade, Whitefield (Kadugodi), Bangalore, India

Professional Links

 /khemanta

 /khemant

 credly.com/khemant/badges

 /@khemanta

Tech Stack

- **Languages :** Python, R, SAS, SQL, C, Java, Octave, Matlab, MPI
- **O/S Platform :** Unix, Linux (Redhat, Ubuntu, SuSE), MacOS, WinXP/7/10
- **Data/ETLs:** MySQL, PostgreSQL, Informix, mongoDB, dbt, Snowflakes
- **Data Science Stacks :** Python Libs (numPy, SciPy, Pandas, NLTK, SpaCy, Gensim, GloVe, etc), R Libs
- **Machine Learning :** UIMA/GATE, TensorFlow, MXNet, PySpark, Gensim, GloVe, *etc.*
- **Deep Learning / GenAI :** SOTA in CNN/RCNN, RNN, LSTM, LangChain, BERT, GPTs, T5, *etc.*
- **MLOps/Cloud :** AWS, SageMaker, Apache Airflow, Dagster, Kubernetes, *etc.*
- **Productivity Tools :** Git, Jira, Confluence, Figma, *etc.*
- **Applications & Text Processing :** Streamlit/Tableau/PowerBI, MS Office, LaTeX

💼 Work Experience

PipeCandy, Inc / Chennai, India
Principal Data Scientist
Apr 2022 – Jun 2023

Antler Singapore | Agrompjo Technology
EiR | CoFounder & CEO
Jul 2020 – Mar 2022

IBM Consulting / Singapore
Software Architect Data Scientist - AIML, / Federated Developer Advocate for AI and Quantum Computing
May 2017 – Jun 2020

Samsung AI Research / Seoul, South Korea
Senior Staff Engineer in Machine Learning
Apr 2015 – Mar 2015

IBM Research / Singapore
Research Staff Softwarte Engineer, / Business Analytics & Mathematical Sciences Group of TJ Watson Research Center, NY
Sep 2011 – Mar 2015

Infosys Technologies / Bangalore
Analyst at Infosys Consulting / JRA at Infosys Software Engineering & Technology Labs
Aug 2007 – Aug 2011

Epsilon Education Services / New Delhi
Entrepreneur and Teaching
Jul 2006 – Jun 2007

Forschungszentrum Juelich GmbH / Germany
Young Scientist and Scientific Programmer at Juelich Supercomuting Center, Helmholtz Research Center Juelich, Germany.
Oct 2005 – Apr 2006

🎓 Education

Indian Institute of Technology, Kanpur
eMaster in Communication Systems
Kanpur   Jan 2022 – Jun 2023
Grade: 9.2

Indian Institute of Technology, Guwahati
M.S. in Mathematics & Computing
Guwahati   Jun 2003 – Jun 2005
Master Thesis: Numerical Simulation of 2D Navier-Stokes Equation using Finite Difference Method for Viscouns Fluid Flow

Institute of Science - Banaras Hindu University
Bachelor of Science in Mathematical Physics
Varanasi   Jun 1999 – May 2003

✴ Certificates

◇ MIT Professional Certificate in Quantum Computing
◇ MIT Sloan Certificate in Data Science and Big Data Analytics
◇ Enterprise Design Thinking for Essentials AI Team, Practioner
◇ IBM Recognized Presenter/Speaker
◇ IBM Recognized Teacher/Educator
◇ IBM Professional Certificate in Data Science
◇ IBM Professional Certificate in Applied AI
◇ IBM Specialist Certificate in Advanced Data Science
◇ IBM Specialist Certificate in Applied Data Science
◇ *Other certifications and badges*

🔖 Patents Granted

Method and System for Contextual Advertisement Recommendation Across Multiple Devices of Content Delivery. | *Granted-(USPTO# 2012/0078,725)*