

JAYANTH KUMAR

Engineering Leader (with 10 YoE), specialized in building large-scale systems in AI/ML, Data & SaaS

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📍 Bangalore, India

🌐 jaykmr.com

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WORK EXPERIENCE

CTO, Platform Founding Engineer

Turl Street Group

📅 Sept 2024 - Present

📍 Bangalore, India

- Building best in class intelligence solutions for capital markets and real estate stakeholders using GenAI.

Software Dev Manager III, Amazon Ads Traffic Quality

Amazon

📅 Apr 2022 - May 2024

📍 Bangalore, India

- Led the implementation of data pipelines for sourcing feature-rich data on Channels/Streams, Users, and Purchases on Twitch to Amazon for Amazon's Twitch acquisition.
- Led the development of Pre-Cog, a system that runs 10+ multi-dimensional scans on ad campaigns across Twitch, Onsite SP, SB, SD, ADSP programs to identify and mitigate IVT anomalies.

Engineering Manager, Logistics SaaS Platform & Solutions

Delhivery

📅 Apr 2021 - Apr 2022

📍 Bangalore, India

- Built and Lead a team of developers and tech leads to launch Delhivery's SaaS array of solutions in new Asian geographies like Sri Lanka and Bangladesh for Warehouse Management, Fleet Management, User Management, Logistics Network Configuration for Serviceability and Route Optimization to run their operations

Head of Engineering & Founding Team

Goodhealthapp (YCombinator and Elevation Capital funded startup)

📅 Sep 2019 - Mar 2021

📍 Remote

- Lead a team of developers to build products in insurance tech and on-boarded 100s of customers and channel partners
- Integrated with business partners by designing and building the business integration flow along with integrating payment gateways and third-party HRMS

Research Lab Lead, Cuneiform Digital Library Initiative

University of California Los Angeles

📅 Sep 2017 - Dec 2018

📍 Los Angeles, USA

- Lead the Cuneiform Digital Library Initiative lab to implement and evaluate methodologies for automated analysis and machine translation of transliterated cuneiform documents.

Software Developer Specialist, Predictive Asset Insights

SAP Labs

📅 Sep 2014 - May 2017

📍 Walldorf, Germany & Palo Alto, USA

- Owned and lead the development of Predictive Maintenance SDK by architecturally designing it and delegating it to different developers
- Built SaaS solution to visualize and analyze large volumes of IoT data for asset health management and resource optimization.

AWARDS

- 2025 • 40 under 40 in Hello Entrepreneurs
- 2024 • Inventor Puzzle Piece Award in Amazon
- 2015 • SAP Spot Award for SAP & Trenitalia deal innovation
- 2015 • 3rd Best Poster and System Award in CICLING, Cairo, Egypt
- 2013 • All India Winner in GSQuantify, Goldman Sachs Quant Competition
- 2013 • Asia Regional Finalist of ACM ICPC, Kharagpur, India
- 2010 • Gold Medal for top 36 in Indian National Chemistry Olympiad
- 2010 • Merit Certificate for top 1% in National Standard Examination Physics

SCHOLARSHIPS

- 2010 • CBSE Merit Scholarship for All India Rank 300 in AIEEE
- 2009 • SOF Scholarship for All India Rank 9 in National Science Olympiad
- 2008 • National Talent Search Scholarship for qualifying NTSE

SCHOLASTIC

- 2024 • All India Rank 86 in GATE - Data Science and AI
- 2019 • All India Rank 13 in University Grants Commission - NET
- 2013 • World Rank 7 & Asia Rank 1 in HackerRank Quora ML CodeSprint
- 2010 • All India Rank 168 in IIT-Joint Entrance Examination
- 2010 • Merit Certificate for top 1% in National Standard Examination Physics
- 2008 • Hindustan Pratibha Samman in All India Secondary School Exam

ORGANIZATIONS

- 🏢 Institute of Electrical and Electronics Engineers (IEEE)
- 🏢 International Society for Computational Biology (ISCB)
- 🏢 Association for Computational Linguistics (ACL)
- 🏢 Association for Computing Machinery (ACM)

EDUCATION

M.S. Computer Science, **University of California Los Angeles**
📖: Multi-objective Deep Learning 👤: Prof. Kai-Wei Chang
📅 Sep 2017 – Mar 2019 📍 Los Angeles, CA, USA

Graduate Certificate, Data Mining, **Stanford University**
📅 Mar 2016 – Feb 2017 📍 Stanford, CA, USA

B. Tech. (Hons.), Computer Science, **IIT Bombay**
📖: Opinion Summarization 👤: Prof. Pushpak Bhattacharyya
📅 Jul 2010 – May 2014 📍 Mumbai, India

INTERNSHIPS

Summer 2013 • Equities & Rates, **Deutsche Bank**, Mumbai
Winter 2012 • Algorithmic Trading, **Edelweiss Capital**, Mumbai
Summer 2012 • Robot Navigation, **TU Braunschweig**, Germany

AUTHORSHIP

📖 **System Design on AWS**
Publisher : O'Reilly Media, Inc | ISBN : 9781098146870
📖 **Gonzo Poet and through his lens**
ASIN : B07M6CWQJJ | ISBN : 9781792911743

PATENT

🔧 **Unified Data Management For Database Systems**
United States Patent 20170039232A1
🔧 **Rapid Heuristics Engine**
United States Patent Filing 18/622,698

PUBLICATIONS

📌 **Monotone Submodularity in Opinion Summaries**
in Conference on EMNLP – 2015.
📌 **Optimizations and Heuristics to improve Compression in Columnar Database Systems.**
in ArXiv:1609.07823.
📌 **Annotating a Low-Resource Language with LLOD Technology: Sumerian Morphology and Syntax.**
in MDPI Open Access Journal – 2018.
📌 **Annotating Sumerian: A LLOD-enhanced Workflow for Cuneiform Corpora.**
in LDL – 2018.
📌 **ESMCrystal: Enhancing Protein Crystallization Prediction Through Protein Embeddings.**
in Proceedings of CIBB – 2024.

TECHNICAL SKILLS

</> C, C++, JAVA, Python, GoLang, JavaScript, SQL
📖 Django, Flask, JPA, JAX-RS, Echo, OpenAPI, OData
📖 MySQL, MongoDB, Cassandra, Airflow, Redis
☁️ Cloud Foundry, Heroku, Docker, Kubernetes, AWS, GCP

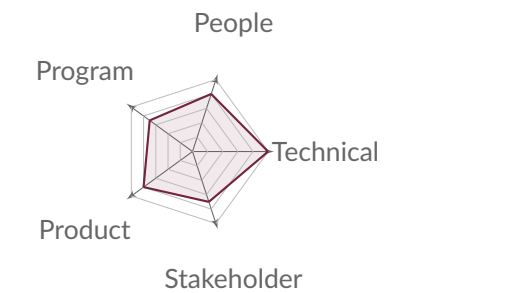
ENTREPRENEURSHIP

🏢 **Betr Technologies Pvt Ltd (7Classes)**
Investor and Advisor [2022-Present]
🐾 **Pupten Technologies Pvt Ltd**
Founder and Director [2021-2022]

STRENGTHS

Tech Strategy Product Vision SaaS
People Management Agile Processes
Big Data Data Mining Deep Learning
AI ML Natural Language Processing
Distributed Systems Cloud Computing

MANAGEMENT SKILLS



CERTIFICATIONS



LANGUAGES

English ●●●●●●
Hindi ●●●●●●
German ●●●●●●

REFERENCES

Dr. Émilie Pagé-Perron
Assyriologist and Digital Scholar
Wolfson College, University of Oxford
Prof. George Varghese
Jonathan B. Postel Professor of Computer Science
University of California Los Angeles
Prof. Pushpak Bhattacharyya
FNAE, Abdul Kalam National Fellow
Indian Institute of Technology Bombay