JAYANTH KUMAR

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

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WORK EXPERIENCE

Software Dev Manager III, *Amazon Ads Traffic Quality*
Amazon

📅 Apr 2022 - Present 📍 Bangalore, India

- Responsible for defining the road map, building the team and owning the architecture and execution for building technology for ad fraud and invalid activity detection and filtering.

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, Silicon Valley

📅 Nov 2015 - May 2017 📍 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.

Software Developer, *Predictive Maintenance & Services*
SAP SE, Germany

📅 Sep 2014 - Oct 2015 📍 Walldorf, Germany

- Supported the team in building big data analytics PoCs. Awarded **Spot Award** for performance in Trenitalia PoC after the deal closing.

ENTREPRENEURSHIP

🏛 **Betr Technologies Pvt Ltd (7Classes)**
Investor and Advisor

🐾 **Pupten Technologies Pvt Ltd**
Founder and Director

AWARDS

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*

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*

STRENGTHS

Tech Strategy Product Vision SaaS

People Management Agile Processes

Big Data Data Mining AI ML

Natural Language Processing

Distributed Systems Cloud Computing

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

PATENT

Unified Data Management For Database Systems
United States Patent 20170039232A1

Rapid Heuristics Engine
United States Patent Filling 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.

TECHNICAL SKILLS

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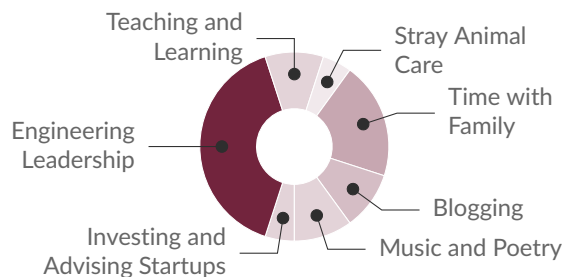
CERTIFICATIONS

MANAGEMENT SKILLS

LANGUAGES

English
Hindi
German
Bengali

INTERESTS

Teaching and Learning · Stray Animal Care · Time with Family · Blogging · Music and Poetry · Investing and Advising Startups · Engineering Leadership

PHILOSOPHY

"Engineering Entrepreneurship is a disciplined art, so let's create some large scale product masterpieces."

REFERENCES