



# Anand Manikutty

CHIEF PRODUCT OFFICER

## CONTACT

- (+91) 98861-65122
- anandem@alumni.stanford.edu
- Bangalore, India

## EDUCATION

### Stanford University, Stanford CA, United States

Sep 2011 – Jul 2015  
**Master of Science in Management Science & Engineering**

Stanford University, Stanford, California (completed as part of the Honors Coop program at Stanford; designed for industry professionals to complete a degree while being employed in the industry and simultaneously completing requisite coursework spread over multiple years).

### University of Wisconsin-Madison, WI, United States

Sep 1997 – Dec 1998  
**Master of Science in Computer Science**

University of Wisconsin Systems, Madison Campus, Wisconsin (completed while working as a Teaching Assistant; worked on research in operating systems)

## PROFESSIONAL SUMMARY

**Seeking an academic role.** Accomplished and versatile technology executive, inventor, and startup founder with over 20 years of experience in **software engineering, product architecture, and analytics** seeking to transition into an academic role. **Alumnus** of **Stanford University** (the **Management Science** area), the **Indian Institute of Technology Madras** (the prestigious **Computer Science** branch) and **Harvard Business School** (the Technology & Operations Mgt area).

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I am a versatile **technology leader, inventor, and educator** with over two decades of experience across **engineering, product management, and marketing**, now pursuing an academic career in analytics and business education. Trained at **Stanford University**, the **University of Wisconsin-Madison**, **IIT Madras** (Computer Science), and **Harvard Business School**, I bring a unique combination of technical expertise, entrepreneurial leadership, and business acumen. My career spans senior roles at **Microsoft** and **Oracle**, founding and scaling startups accepted into **top accelerator programs**, and authoring **15+ patents** and **multiple peer-reviewed publications** in leading venues such as **VLDB** and **ICDE**.

- 9+ years of industry experience in **leading MNCs (MSFT, ORCL)**.
- 10+ years of industry experience in startups (**led into incubation**) & SMEs; 1 year of experience in the non-profit sector.
- Complementing this industry track record is significant teaching and mentoring experience, including **U. Wisconsin**.
- I have not only designed and delivered courses in software engineering, database management systems, programming languages, AI, and analytics, **but also conducted research in these areas with 8+ peer-reviewed publications in computer science (VLDB, ICDE, et cetera)**.
- Contributed to a textbook that is considered **a classic in its field**.

[+ more]

Marketing Roles	Tech Product Management Roles
<ul style="list-style-type: none"><li>• <b>Chief Product Officer: Qwykr Technologies, Sacramento CA</b> – March 2024 – Present</li></ul>	<ul style="list-style-type: none"><li>• <b>Chief Product Officer: Qwykr Technologies, Sacramento CA</b> – March 2024 – Present</li></ul>

**Indian Institute of Technology Madras,  
Chennai, India**

Jul 1993 – Jul 1997  
**Bachelor of Technology in Computer  
Science & Engineering**

IIT Madras, Chennai, Tamil Nadu, India  
(ranked in the top 100 rank holders seeking admission to the Indian Institutes of Technology as part of the Joint Entrance Examination 1993; Awarded the Governor’s Medal for outstanding academic, extra-curricular and leadership achievements and distinctions; Awarded the Motorola Prize for outstanding academic and extra-curricular achievements and distinctions).

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**AWARDS, HONORS AND  
DISTINCTIONS**

**Governor’s Gold Medal:** Indian Institute of Technology (IIT) Madras (1997) – For academic, extra-curricular and leadership excellence among the graduating class of students.

**Institute Bronze Medal:** Indian Institute of Technology (IIT) Madras (1997) – For academic, extra-curricular and leadership excellence among the graduating class of students.

**World Record Performance Team:** Member of the World Record breaking performance team, Microsoft SQL Server Group.

**Contributor, Strategic Management - A South-Asian Perspective (2011-2015)** – contributor to the South Asian edition of a textbook on Strategic Management that is considered a **classic in its field**.

**Institute Blues:** Indian Institute of Technology (IIT) Madras (1997) – For academic, extra-curricular and leadership excellence among the graduating class of students.

<ul style="list-style-type: none"><li>• <b>Director, Marketing &amp; Product Strategy:</b> Qwykr Technologies, Bangalore India – Jan 2018 – Sep 2023</li><li>• <b>Principal Consultant:</b> Digital Green, Bangalore India – Jun 2006 – Sep 2007</li></ul>	<ul style="list-style-type: none"><li>• <b>Principal Product Manager:</b> Oracle USA, Redwood City CA – July 2012 – Jan 2014</li></ul>
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Engineering & Engineering Management Roles
<ul style="list-style-type: none"><li>• <b>Fractional CTO:</b> Fulmo Technologies, Bangalore India – January 2025 – Present</li><li>• <b>Software Engineering Contractor,</b> Bay Area CA – Jan 2010 – Sep 2011</li><li>• <b>Senior Member of Technical Staff:</b> Oracle Corporation, Redwood City CA - Jun 2000 - Jun 2006</li><li>• <b>Software Design Engineer:</b> Microsoft Corporation, Redmond WA – Feb 1999 – Jun 2000</li></ul>

Teaching Roles
<ul style="list-style-type: none"><li>• <b>Adjunct Professor:</b> Hartnell College, Salinas CA – August 2016 – Dec 2017</li><li>• <b>Teaching Assistant:</b> University of Wisconsin-Madison, Madison WI – Sep 1997 – Dec 1998</li><li>• <b>Tutoring, teaching and conducting workshops:</b> Multiple students; 1997 – Present.</li></ul>

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**PROFESSIONAL & ACADEMIC EXPERIENCE OVERVIEW**

Accomplished technology leader, inventor, and startup founder with over 20 years of experience spanning **software engineering, product management, and marketing**. Proven ability to design and scale

**Contributor, Essence of Leadership (2007–2009):** Leadership textbook contributor; used at the Indian Institute of Management Ahmedabad and the Indian Institute of Management Bangalore.

**Motorola Prize IIT Madras (1997):** Awarded for best all-round student performance in **Computer Science** and **Electrical Engineering**.

#### **Best Solution Paper Award**

5th IEEE International Workshop on Parallel and Distributed Real-time Systems (WPDRTS), Geneva, Switzerland (1997) – Co-authored the winning paper, "DREAD: Distributed Real-time Air Defense System".

#### **Presenting Author Representing Oracle**

21st International Conference on Data Engineering, Tokyo, Japan (2005) – Co-authored the paper, "Towards an Industrial Strength SQL/XML Infrastructure."

#### **Presenting Author Representing Oracle**

30th International Conference on Very Large Data Bases, Toronto, Canada (2004) – Co-authored the paper, "Query Rewrite for XML in Oracle XML DB."

#### **SQL Committee Member Representing Oracle**

Member of the Language Design Committee for the SQL Language, the highest level committee for the design of the SQL Language.

#### **Incubation Program Inductee**

Inducted into multiple incubation programs, including Microsoft For Startups, Google For Startups, IIM Bangalore NSR CEL's WSP Program and others.

#### **Columnist**

Columnist for Namaste Bharat magazine, now called Pravasi Indians magazine. Wrote columns on nutrition and wellness.

innovative software systems, launch data-driven products, and craft go-to-market strategies that align with both business growth and social impact. Experienced in building high-performance teams and delivering solutions that drive measurable value at global technology leaders such as **Microsoft** and **Oracle**, as well as in early-stage startups backed by elite accelerators.

Bridging **technical depth** with **strategic vision**, I have led engineering and analytics initiatives, guided product strategy, and driven brand visibility across diverse industries. I have also taught courses in **software engineering, database management systems, programming languages, AI** and **analytics**. My career blends hands-on software architecture and engineering management with leadership in product development and marketing, enabling me to translate complex technical innovation into accessible, impactful solutions. With **teaching** and **mentoring experience, published research, and 15+ patents**, I bring a rare combination of technical expertise, business acumen, and academic engagement.

Adept at navigating complex technical domains and turning innovative ideas into scalable products that drive user and business value. Successfully led engineering and analytics initiatives at Microsoft, Oracle, and early-stage startups, contributing to core product lines such as **Microsoft SQL Server, Oracle Application Development Framework, and Oracle Database Server**. Experience with enterprise software, analytics systems, API design, data engineering, and distributed systems. **Co-founder** and **CTO** of >1 startup, including **Qwykr Technologies** and **Namaste Bharat Magazine** (Template Media), where I built and deployed systems for analytics, decentralized file storage, tokenization, and intelligent chat agents, using Python, Flask, PostgreSQL, and AWS.

Startups accepted into **elite accelerator programs: Google for Startups, Microsoft for Startups, IIM Bangalore NSRCEL, and Wadhvani Foundation Ignite**. Hold patents across database optimization, query compilation, development frameworks, and developer tooling. Published multiple peer-reviewed papers in VLDB, ICDE, and IEEE, with citations in academia and industry. Member of **World Record** setting performance team as part of the Engineering Team at the **Microsoft SQL Server Group**.

## ACADEMIC PAPERS & PUBLICATIONS

- **Krishnaprasad, M., Liu, Z. H., Manikutty, A., Warner, J. W., & Arora, V. (2005)**

*Towards an Industrial Strength SQL/XML Infrastructure. International Conference on Data Engineering (ICDE 2005), pp. 991-1000.*

- **Krishnaprasad, M., Liu, Z. H., Manikutty, A., Warner, J. W., Arora, V., & Kotsovolos, S. (2004)**

*Query Rewrite for XML in Oracle XML DB. Conference on Very Large Data Bases (VLDB 2004), pp. 1122-1133*

- **Almeida, J., Dabu, M., Manikutty, A., & Cao, P. (1998).**

*Providing Differentiated Quality-of-Service in Web Hosting Services. SIGMETRICS Workshop on Internet Server Performance.*

- **Manimaran, G., Manikutty, A., and Murthy C.S.R. (2000)**

*DHARMA: A Tool for Evaluating Dynamic Scheduling Algorithms for Real-Time Multiprocessor Systems. Journal of Systems and Software, 50(2), 131-149.*

- **Manimaran, G., Shashidhar, M., Manikutty, A., & Murthy, C. S. R. (1998)**

*Integrated Scheduling of Tasks and Messages in Distributed Real-Time Systems. Journal of Parallel and Distributed Computing Practices, 1(2), 75-84.*

## PROFESSIONAL EXPERIENCE

January 2025 - Present

### Fractional Chief Technology Officer

Fulmo Technologies, Bangalore, India

- Led development of **AI/analytics-driven educational tools** improving digital education and entrepreneurship outcomes; used **data pipelines** and **A/B testing** to measure impact in various markets. Projects include building technologies for non-profit as well as "for profit" entities, such as the Esperanto and ConLang Society of South India.
- Built analytics dashboards to **track adoption metrics, learning outcomes, and engagement KPIs**, enabling data-informed iteration cycles.
- Oversaw launch of **AI-enabled educational tools** tailored for underserved rural markets, enhancing digital literacy and entrepreneurship.
- Applied **predictive analytics** to identify demographics with the highest likelihood of tool adoption, improving rollout efficiency by 32%.
- Led the architecture of the RALPH technology platform, integrating advanced analytics and machine learning capabilities; brought it to the attention of numerous researchers, including **two Nobel Laureates**.

March 2024 - Present

### Chief Technology Officer

Qwykr Technologies, Sacramento, CA

- Introduced **data-driven, analytics-based product management frameworks**, reducing time-to-market for new features by 30% through sprint velocity analysis and release cycle metrics. Drove the vision and execution of a cross-functional roadmap spanning software development, go-to-market strategy, and community impact. Projects include building technologies for non-profit as well as "for profit" entities, such as the Esperanto and ConLang Society of South India. Continued incubation work.
- Launched **AI-enabled, analytics-backed learning platforms**, increasing engagement in underserved rural markets by tracking user cohorts and funnel analytics.
- Implemented **KPI dashboards** that informed product and marketing strategy decisions.
- Orchestrated collaboration between engineering, marketing, and design teams to deliver products aligned with **both business goals and social impact**.
- Developed ESG-aligned metrics, creating **impact measurement models** that quantified sustainability outcomes.

September 2023 - March 2024

### Patent Examiner

United States Patent and Trademark Office (USPTO), Sacramento, CA

- **Patent examination:** Examined over 10 patent applications to

- **Manikutty, A., Shashidhar, M., Manimaran, G., & Murthy, C. S. R. (1997).**

*DREAD: A Distributed Real-Time Air Defense System. Best Paper/Solution, 5th IEEE International Workshop on Parallel and Distributed Real-Time Systems, Geneva, Switzerland, pp. 108-118.*

- **Manimaran, G., Manikutty, A., & Murthy, C. S. R. (1996).**

*DHARMA: A Tool for Evaluating Dynamic Algorithms in Real-Time Multiprocessor Systems. International Conference on Advanced Computing, Bangalore, pp. 303-311.*

- **Shashidhar, M., Manikutty, A., Manimaran, G., & Murthy, C. S. R. (1997).**

*Integrated Scheduling of Tasks and Messages in Distributed Real-Time Systems. Proc. 5th IEEE International Workshop on Parallel and Distributed Real-Time Systems, Geneva, Switzerland, pp. 64-71.*

- **Carlson, A., Eisenberg, A., Reinwald, B., Meyer, G., Kulkarni, K., Zemke, F., Krishnaprasad, M., Muralidhar, S., Manikutty, A., Nimani, V., & Rys, M.**

*(co-authored with Microsoft and IBM employees). The XML Data Type.*

- ensure compliance with U.S. patent laws and technical standards.
- Completed the intensive Patent Training Academy, which provided a deep understanding of intellectual property law and procedures.
- Conducted thorough prior art searches and evaluated the novelty, non-obviousness, and utility of inventions.
- Drafted clear and legally sound office actions, outlining reasons for approval or rejection of patent claims.
- Analyzed technical disclosures across various domains, including software and hardware systems.
- Created structured reports integrating **statistical reasoning and data visualization**, improving clarity for legal decisions.

January 2018 - September 2023

**Director, Marketing & Product Strategy**

Qwykr Technologies, Bangalore, India

- **Cofounder experience:** Co-founded Pravasi Indians Magazine (formerly Namaste Bharat), leading global content strategy and editorial direction. Alliance partners included Netalla Innovations HT Media Labs, Blue Prism, Cisco and HP and projects included rolling out technical training programs, and building technologies for non-profit as well as “for profit” entities.
- Spearheaded AI-driven **behavioral analytics projects**, optimizing user experiences and increasing retention rates by 18%.
- Scaled **RALPH** and **a related analytics platform** integrating ML algorithms for personalized recommendations and usage insights.
- Directed successful marketing campaigns for top clients such as **HP, Cisco, and Blue Prism**, enhancing brand visibility and engagement. Designed campaign performance dashboards (across HP, Cisco, Blue Prism) that improved ROI attribution and drove a 27% increase in conversion efficiency.
- Played a pivotal role in **securing incubation spots** for Qwykr Technologies with Microsoft for Startups, Google for Startups, and Wadhwani Foundation.
- Spearheaded **AI-driven product innovation**, leveraging **behavioral science** to optimize user experience and product functionality.
- Led the architecture of the RALPH technology platform, integrating advanced analytics and machine learning capabilities; brought it to the attention of numerous researchers, including two **Nobel Laureates**.

August 2016 - December 2017

**Adjunct Professor | Computer Science**

Hartnell College, Salinas, CA

- Taught **software design, programming, and data structures** with a focus on practical application and problem-solving.
- Designed coursework in database management systems, AI, and business analytics, incorporating **real-world datasets** into projects. Coursework developed included **SQL, Python** and **data analytics**.
- Mentored students in **business analytics** and **AI fundamentals**, preparing them for technology-driven careers.
- Developed **real-world data projects** to enhance understanding of industry challenges and solutions.

## PROFESSIONAL ACCOMPLISHMENTS, HONORS, ACHIEVEMENTS & DISTINCTIONS

**Patent Holder:** Inventor on over 15 patents in areas including **Databases, XML, and Web Technologies.**

**SQL Language Design Committee Member:** Contributed to the core design of SQL/XML functions at Oracle.

**Entrepreneur:** Startup Technologies Accepted into Multiple Global Incubators.

**Architect of Scalable Systems:** Designed and implemented **scalable** platforms using Python, Flask, AWS.

**Academic Contributions:** Authored and contributed to academic publications, while employed at Oracle.

**Product Leadership at Oracle:** Supported application platforms generating over \$1.1 billion in revenue.

**Adjunct Professor:** Delivered impactful courses in Software Engineering, Data Structures, and Distributed Systems.

**Cross-Disciplinary Expertise:** Combined technical acumen with **business insight through advanced education.**

**World Record Setting Engineering Team Experience:** Member of the SQL Server development team, which set a world record in database performance in an industry leading database performance benchmark.

**Venture Consulting and Strategy:** Led technical strategy, software design, and content innovation.

- Delivered interactive lectures and hands-on coding exercises to foster an engaging learning environment.
- Provided one-on-one academic support and career guidance to students.

January 2014 - August 2016

### Director of Marketing

Delphic Ventures, San Francisco Bay Area, CA

- Developed and executed integrated **marketing strategies** for the startup that resulted in a 45% decrease in customer acquisition costs.
- Applied **market segmentation** and **predictive analytics** to redesign customer retention strategy, decreasing customer acquisition costs by 45%.
- Managed **cross-functional teams** to deliver successful marketing campaigns across digital and traditional channels.
- Conducted **market research** and **competitive analysis** to identify growth opportunities, driving a 30% increase in market share.
- Conducted **competitive intelligence analysis** using structured frameworks and data mining to identify 3 key growth areas.
- Oversaw brand positioning and messaging for the startup, enhancing brand recognition within the IT services industry.
- Working as a contractor, played a key role in **the strategic turnaround** of **CoinTerra**, leveraging marketing innovations to help rescue the company from bankruptcy.

July 2012 - January 2014

### Principal Product Manager

Oracle, Redwood City, CA

- Directed the development and feature enhancement of Oracle's **Applications Development Framework**, improving efficiency and scalability for large-scale enterprise applications.
- Directed product enhancements for Oracle Applications with a \$3B revenue impact, leveraging **customer usage analytics** to **prioritize roadmap features.**
- Collaborated with engineering teams to design and implement features used by **Oracle CRM, HCM, and Financials**, which contributed to a suite of over \$3 billion in annual revenue.
- Led customer feedback initiatives and product testing, resulting in a 7% increase in **utilization rates** and **customer satisfaction.**
- Managed **stakeholder communications**, ensuring alignment between product development teams and key business objectives.
- Contributed to **product roadmap development**, aligning it with market trends and customer needs.
- Conducted **analytics-driven user testing** to refine enterprise features, to reduce **bug rates** and to **improve satisfaction scores.**

January 2010 - September 2011

### Software Engineering Contractor

Delphic Ventures, San Francisco Bay Area, CA

**Invited Speaker:** IEEE Society of Chennai, ACM Society of Chennai, Rotaract Club International, et cetera.

- Designed and implemented **scalable, secure software solutions for multiple companies**, delivering high-quality products in mobile gaming, financial services, and other industries.
- Built and deployed scalable platforms with **embedded analytics capabilities**, supporting **thousands of transactions**.
- Worked with cross-disciplinary teams to translate business requirements into technical specifications and deliver on-time, high-performance software solutions.
- Played a key role in the development of software modules in the **high frequency trading area** to support **thousands of users**, ensuring stability and scalability.
- Assisted in the integration of third-party tools and APIs to enhance software functionality and provide additional value to clients.

June 2006 - September 2007

**Principal Consultant**

Digital Green, Bangalore, Karnataka

- Conducted **in-depth research** to ensure alignment between Digital Green's organizational goals and its agricultural research objectives.
- Conducted **impact evaluation** using **statistical models**, showing a 900% improvement in agricultural extension **efficiency**.
- Played a pivotal role in Digital Green's strategic direction and market strategy, contributing to a model that improved agricultural extension systems by over 900% compared to traditional methods.
- Developed actionable research insights, collaborating closely with cross-functional teams to drive decision-making and ensure impactful implementation across regions.
- Managed key projects that aligned with Digital Green's mission of promoting sustainable agriculture, supporting farmers across **six plus states in India** and **five continents**.
- Presented research findings to stakeholders, ensuring effective communication and buy-in for agricultural innovations that were **funded by Bill Gates**.

June 2000 - June 2006

**Senior Member of Technical Staff**

Oracle, Redwood City, California

- **Engineering:** Led the design and development of software systems for Oracle's Server Technologies Division, focusing on the creation of **SQL/XML functions**, and the development of **XPath Query Rewrite**, and the Oracle **XQuery parser**.
- Developed key features that advanced Oracle's server technologies and enhanced the **performance** and **functionality** of **database management systems**.
- **Inventor on patents:** Co-invented over **15 patents**, contributing to Oracle's leadership in XML, Web Services, and Database Management Systems technologies.
- **Presenting author at VLDB, ICDE:** Authored **two peer-reviewed publications** in the areas of computer science, contributing to the wider knowledge base in database technologies.
- Acted as a key representative for Oracle at major industry conferences, such as **VLDB** and **ICDE**, presenting innovative work on XML and database systems.

- **Language Design Committee member:** Represented **Oracle** as a member of the **SQL Language Design Committee**, the highest level committee for the design of the SQL Language. Representatives included employees of Microsoft, IBM and Oracle.

February 1999 - June 2000

#### **Software Design Engineer**

Microsoft, Redmond, Washington

- **Software Engineering:** Designed and implemented software systems and performance optimization techniques for **Microsoft SQL Server's Relational Engine** Group.
- **World Record Performance Work:** Worked on cutting-edge projects aimed at enhancing database performance, contributing directly to the **world-record-breaking team** for **database performance** (Industry standard TPC benchmark).
- Collaborated with cross-functional teams to identify and resolve performance bottlenecks, ensuring SQL Server's performance met stringent industry standards.
- **Feature development:** Contributed to the development of **new SQL Server features**, focusing on reliability, scalability, and performance improvements.
- Played a key role in the software lifecycle of several features and performance optimizations, from design to testing, and contributed to a successful product launch that gained industry recognition for its innovation.
- Applied **profiling** and **query optimization techniques**, reducing bottlenecks and enhancing enterprise reporting speed.

## **EDUCATIONAL DEGREES, CERTIFICATIONS & FELLOWSHIPS**

July 1993 – July 1997

#### **Bachelor of Technology (BTech) in Computer Science and Engineering**

Indian Institute of Technology Madras | Degree in Computer Science and Engineering; ranked 55 among the 100,000+ candidates appearing for entrance to the prestigious Indian Institutes of Technology as part of the 1993 Joint Entrance Examination for the IITs.

September 2007 - December 2009

#### **Fellowship (Technology and Operations Management area)**

Harvard University, MA

September 1997 - December 1998

#### **Master of Science in Computer Science**

University of Wisconsin-Madison, WI



September 2011 - July 2015  
**Master of Science in Management Science and Engineering**  
Stanford University, CA

September 2023 - January 2024  
**Patent Training Academy Trainee**  
United States Patent and Trademark Office

## **PATENTS**

**Anand Manikutty et al.**

*Techniques for rewriting XML queries directed to relational database constructs.*

**Anand Manikutty et al.**

*Method and mechanism for handling arbitrarily-sized XML in SQL operator tree.*

**Anand Manikutty et al.**

*Techniques for transferring a serialized image of XML data.*

**Muralidhar Krishnaprasad et al.**

*Techniques for providing an XML node identity-based operation in a value-based SQL system.*

**Zhen Hua Liu et al.**

*Techniques for managing XML data associated with multiple execution units*

**Zhen Hua Liu et al.**

*Techniques of using XMLType Tree as the type infrastructure for XML*

**Anand Manikutty et al.**

*Techniques for retaining hierarchical information in mapping between XML documents & relational data*

**James Warner et al.**

*Techniques for partial rewrite of XPath queries in a relational database.*

**Anand Manikutty et al.**

*Techniques for changing XML content in a relational database.*

**Rohan Angrish et al.**

*Techniques for exposing, as web services, procedures and functions stored in a database.*

**Zhen Hua Liu et al.**

*Processing queries against one or more markup language sources*

**Muralidhar Krishnaprasad et al.**

*Techniques for providing XQuery access using web services.*

## CITIZENSHIP AND OTHER INFORMATION

**Citizenship:** Citizen of the United States.

**Other relevant citizenship:** Overseas Citizen of India. Can take up employment in almost all areas, except certain positions in the legal and political systems.



## **ADDENDA**

## LIST OF ACADEMIC PAPERS AND PUBLICATIONS

### Computer Science & Engineering

**Krishnaprasad, M., Liu, Z. H., Manikutty, A., Warner, J. W., & Arora, V. (2005)**

*Towards an Industrial Strength SQL/XML Infrastructure. International Conference on Data Engineering (ICDE 2005), pp. 991-1000.*

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*Query Rewrite for XML in Oracle XML DB. Conference on Very Large Data Bases (VLDB 2004), pp. 1122-1133*

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**Carlson, A., Eisenberg, A., Reinwald, B., Meyer, G., Kulkarni, K., Zemke, F., Krishnaprasad, M., Muralidhar, S., Manikutty, A., Nimani, V., & Rys, M.**

*(co-authored with Microsoft and IBM employees). The XML Data Type.*



## AWARDS, HONORS & DISTINCTIONS

**Governor's Gold Medal:** Indian Institute of Technology (IIT) Madras (1997) – For excellence among the graduating class of students.

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**Motorola Prize IIT Madras (1997):** Awarded for best all round performance in Computer Science and Electrical Engineering.

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### **Columnist**

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