

Contact

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Top Skills

Data Science

Translational Research

Deep Science

Languages

Hindi

Tamil

Publications

Genomics and Data Science
Publications Authored



Madavan Vasudevan

Founder & Chief Executive Officer Bengaluru,
Karnataka, India

Summary

With a solid foundation in biology and a career spanning over two decades, I have actively pioneered advancements in Bio-Information Technology since 1999. My professional journey has been dynamic, encompassing pivotal roles in project management, business development, marketing and sales, as well as groundbreaking contributions to biomedical informatics research and solution modeling.

My passion lies in being a trustworthy and responsible leader, driving the development, execution, and upselling of cutting-edge life science services and solutions. Embracing long-term goals, I aspire to be a pivotal figure known for fostering innovation and excellence in the realm of bio-information technology.

My career is characterized by a unique blend of key traits that set me apart: patience, unwavering perseverance, meticulous attention to detail, and a highly creative and innovative mindset. I thrive on finding smarter and more efficient ways to execute tasks, consistently delivering optimal results in shorter time frames and with maximum efficiency. My professional journey is fueled by high energy levels, ensuring a dynamic and impactful presence in every endeavor.

Specializing in project management, business development, marketing and sales, as well as product development, I have honed my skills as a versatile services and solutions manager.

My commitment to excellence is not just a professional trait; it's a personal ethos that drives me to continuously elevate standards and contribute meaningfully to the field of bio-information technology.

Experience

Kalinga Institute of Industrial Technology, Bhubaneswar

Professor of Practice

December 2024 - Present (1 year 9 months) [Bhubaneswar, Odisha, India](#)

As a Professor of Practice, I would be actively engaging Biotechnology and Life Sciences Graduates, Post-Graduates and Research Scholars on Applications of large scale Genomics and Data Science on Translational Research to obtain actionable findings. The key roles include quick and smart way of performing critical quality controls at various stages of Genomics Data Analytics that is very critical for obtaining promising and actionable biomarkers for prognostic, diagnostic and druggable targets.

Theomics International Pvt Ltd

Founder & CEO

September 2019 - Present (7 years) [India](#)

An Independent Initiative to provide very high quality genomics services and indepth data science analytics for every client to publish / patent / produce novel findings / discoveries

Biokart India Pvt. Ltd.

Co-Founder & Director

December 2011 - Present (14 years 9 months) [Bengaluru, Karnataka, India](#)

Bionivid Technology Private Limited

Co Founder & Director

July 2011 - January 2019 (7 years 7 months) [Bangalore](#)

Device Learning Modules in Genome Informatics for PhD Scholars, Research Scholars, Faculties who have used or intending to use NGS or Microarray Technology in their research. Discuss with clients who are interested in applying NGS or Microarray Technology for their research and propose viable options in perspective of choice of platform, quality controls, study design, sample preparation, recommended data quantity and quality, turn around time, best value for money and extent of data analysis and interpretation required.

Design new tools (software) and applications that are biologist friendly, cost effective and will ensure peace of mind to users who is expected to mine vast amount of data to make sense of it.

Genotypic Technology

Applications Manager - Genomics and Bioinformatics

May 2003 - June 2011 (8 years 2 months)

Biological Data analysis, Project Management, Marketing, Business Development, Sales, Product Development, Personnel Management.

Software Technology Group
Consultant - Bioinformatics February
2003 - April 2003 (3 months) Chennai

Curriculum development, Facility management, Business Development, Project Designing

Institute of Bioinformatics

Research Scientist

May 2002 - January 2003 (9 months)
Bangalore

Literature data mining, sequence informatics, database development

DSQ Software

Scientist

May 2000 - April 2002 (2 years) Chennai
Area, India

Bioinformatics scientist, Project manager - Biological databases

Glaxo Smithkline

Representative - Clinical Disinfectants

July 1999 - April 2000 (10 months)

Promotions in-charge for clinical disinfectants range of products of Glaxo Smithkline (Previously Glaxo India) for south india.

Education

Madurai Kamaraj University

Master of Science, Microbiology · (1997 - 1999)

Institute of Business Management and Research

EMBA, International Business · (2005 - 2006)

University of Madras

Bachelor of Science, Microbiology · (1994 - 1997)