

Prasanna Bhogale, PhD

Curriculum Vitae

Experience

- Present **Founder**, ROMULAN AI, Aurangabad, India.
Building the causal engine for AI.
- 2021–2023 **Head of Data**, CRSTL TECHNOLOGIES, Berlin/SF.
(1.5 years) Crstl is a VC funded fast growing company building the command center for modern omni-channel brands, where I helped shape data and product strategy.
- 2018–2021 **Team lead - data products**, SHARE NOW (CAR2GO), Berlin.
(3.5 years) Led an incredibly productive team of engineers and data scientists to build a data lake, develop multiple ML products, and deliver them to generate significant business impact.
- 2016–2018 **Consultant – Data science and machine learning**, KI ANALYTICS, Köln.
(2.0 years) Worked on diverse projects in major German logistics and automotive companies.
- 2015–2016 **Intern – Financial engineering**, RISKLAB/ALLIANZ GI, Munich.
(0.5 years) **Modelling private equity** : Constructed a comprehensive model for PE funds including models for cashflows (capital calls and distributions), management performance and the net asset value.

Skills

- Key Communication, Problem solving, Leadership
- Computing R, Python, Julia, AWS, FORTRAN, whatever it takes !
- Language I speak fluent English, Hindi, Marathi and basic German
- Interests Classic Sci-Fi, Cricket, Hiking, Recreational science

Publications

- 2022 Maximum walking distances and optimization in free-floating mobility systems ([link](#))
- 2021 Switching off: The phenotypic transition to the uninduced state of the lac-pathway ([link](#))
- 2014 What makes the lac-pathway switch ([link](#))

Education

- 2010–2016 **PhD**, *Institute for Theoretical Physics*, Universität zu Köln, Germany.
“Stochastic switching in multistable gene regulatory networks” with Prof. Johannes Berg.
- 2009–2010 **MS**, *Perimeter Institute for Theoretical Physics*, University of Waterloo, Canada.
“Speculations on the emergence of space-time and gravity” with Prof. Lee Smolin
- 2007–2009 **MSc in Photonics**, *Erasmus Mundus Master in Photonics*, Jointly at University of St. Andrews (Scotland), Universiteit Gent and Vrij Universiteit Brussel (Belgium).
- 2003–2007 **B.Tech, Electronics and Communications**, *National Institute of Technology*, Karnataka, Surathkal, India.
- Awards Perimeter Scholars International Fellowship 2009, Erasmus Mundus Fellowship 2007