
GANESH VENKATESHWARA

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Twitter: @vganesh

DoB: 12th March 1980

Residence: Pune, India

Nationality: Indian

Computer Languages:

C/C++, Java, Python,

Fortran

Skills:

OOP, Design Patterns,

High-performance

computing, Mobile

application development

Detailed CV:

[https://tovganesh.in/](https://tovganesh.in/cv.pdf)

[cv.pdf](https://tovganesh.in/cv.pdf)

Profile

I am an independent software architect and researcher with over 15 years of software development experience in various domains. I have also helped co-found OneGreenDiary Pvt. Ltd and Scialgo Solutions LLP in the past.

Experience

Staff / Sr. Software Engineer, Cloudera — Feb 2022-Dec 2022

Full time contributor at Innovation accelerator division at Cloudera exploring new product ideas. Primary contributor to dbt adapters (dbt-impala, dbt-hive, dbt-spark-livy and dbt-spark-cde). Contributed upstream patches to impyla. Also contributed initial work on Hive - Airbyte connector.

Software Architect, Novalead Pharma Pvt. Ltd — 2013-2021

Worked architecting and implementing in-house drug discovery platform. Build products that are used in Phase 3 Clinical trial and productised the same. One of the tools - WoundlyClinical - a tool for automatic wound documentation is regulatory compliant and has been used in a number of Phase 3 clinical trials for diabetic foot ulcer.

Software Architect, VLife Sciences Pvt. Ltd. — 2010-2013

Re-architected flagship drug simulation software VLifeMDS using Qt to make it available on multiple platforms. Added new significant features: Python Scripting support, Workflows, new Graphics engine using OpenGL for visualisation.

Co-founder, OneGreenDiary Pvt. Ltd. — 2015-2021

Helped early product development and architect cloud based POS system that is used by 150+ businesses for inventory management and billing.

Research Staff, Australian National University — 2008-2010

My primary work involved evaluation of a new high performance programming language, X10, being developed by IBM, with specific focus on exploring programmability and performance of computational kernels.

Education

University of Pune, India — Ph. D. (Scientific computing) 2008

University of Pune, India — MCS (Scientific computing) 2002

Bharati Vidyapeeth, India — BCS (Computer science) 2000

Air Force School, Pune, India — CBSE 10+2 1997

Professional Association

Professional Association of ACM since 2011

Associate member of NCSSS since 2018

Publications

Google Scholar Profile: <https://scholar.google.co.in/citations?user=ZSoBDbkAAAAJ&hl=en>

Last Conference: "Woundly: a digital wound monitoring tool" at PGIMER, India and Manchester Metropolitan University, UK - International Collaborative Diabetic Foot Conference, PGIMER Chandigarh, 8-9 February 2020.
