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EDUCATION:

Ph.D. Computer Science 1993 Old Dominion University, Norfolk, VA
M.S. Electrical Engineering 1990 Auburb University, Auburn, AL
B. Tech Electrical Engineering 1985 Indian Institute of Technology, New Delhi, India

APPOINTMENTS:

- Senior Computational Scientiest, Mathematics and Computer Science Division, Argonne National Laboratory, 2022-Present
- Computational Scientist, R&D Leader, Mathematics and Computer Science Division, Argonne National Laboratory, 2015-2022
- Senior Scientist in the Consortium for Advanced Science and Engineering (CASE), Department of Computer Science, University of Chicago, 2018-Present;
- Senior Fellow, Computation Institute, University of Chicago, 2015-2018;
- Computer Systems Engineer IV/ Work Lead, CRD, Lawrence Berkeley National Laboratory, 2013-2015;
- Associate Director, Flash Center for Computational Science, University of Chicago, 2009-2013;
- Code Group Lead, ASC/Alliance Flash Center, University of Chicago, 2003-2009;
- Research Scientist, Department of Astronomy & Astrophysics, University of Chicago, 1998-2003
- Research Associate, Department of Astronomy & Astrophysics, University of Chicago, 1993-1998
- Senior Research Assistant, Computer Science and Engineering, Indian Institute of Technology, New Delhi, India, 1985-1987

HONORS & AWARDS

- *R&D 100 Award for Flash-X (2022)*
- *Argonne Impact Award 2020*
- *National Talent Search Scholarship Award, India* (1981-1985)

PROFESSIONAL ACTIVITIES:

- Member NHR Scientific Advitory Board, 2021-present
- Conference Co-chair, SIAM-PP 2024
- Technical Program Chair, ICPP 2022
- Workshops Chair, SC21
- Associate Editor Parallel Computing
- Department Head of Scientific Computing, IEEE Computations in Science and Engineering
- Subject Area Editor, International Journal of High Performance Computing Applications
- Track Lead, Software Productivity and Sustainability Track, Argonne Training Program for Extreme Scale Computing 2013-2023.