

Dr. Sai Siva Gorthi

<http://iap.iisc.ernet.in/~saisiva.gorthi>



Areas of Expertise

Optofluidics, Lab-on-a-Chip, Microscopy, Point-of-Care Diagnostics, Computational Imaging, Optical Metrology, Applied Signal Processing

Current Position

Assistant Professor at the Department of Instrumentation & Applied Physics, **Indian Institute of Science**
Established Optics and Microfluidics Instrumentation (**OMI**) Lab @ IISc in May 2013.

Supervising: **9 Ph.D.** Students, **1 Postdoc**, **6 SRFs** (Senior Research Fellows), **3 JRFs** (Junior Research Fellows)

Research & Education

Postdoctoral Research Fellow at **Harvard University**, Boston, USA (2012)

Ph.D. in Optical Metrology at **Swiss Federal Institute of Technology (EPFL)**, Lausanne, Switzerland (2010)

Masters in Optical Metrology, at **Indian Institute of Science (IISc)**, Bangalore (2006)

Bachelors (B.Tech.) in ECE from **Jawaharlal Nehru Technological University (JNTU)**, Hyderabad (2003)

Publications

45 Published peer-reviewed International **Journal Papers** (33 of them as either 1st or Corresponding Author)

25 International **Conference Papers** (19 of them as either 1st or Corresponding Author)

7 Patent Applications

1 **Book Chapter** (Co-authored); For more information on publications & citations, visit the [Google Scholar](#) page.

Grants

During last two years, received **Eight Grants** from Govt. of India (**DBT, DST, BIRAC, DeitY, DRDO, ISRO**) for the project proposals submitted for the development of Innovative Technologies in our lab @ IISc: (1) Automated Microscopy (2) Portable PCR (3) Automated microELISA (4) Malaria & Cancer Screening Tools and (5) Microfluidic Chemical Diagnostics

Sairam Chinta

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Areas of Expertise

Technology: Software Development, Building Large Scale distributed systems

Domains: Retail, eCommerce, Finance, HiTech

Experience

Over all 19+ years of Software development and product launch experience.

7 years of product development experience with Amazon.com

8 years of Engagement Manager with Infosys with Microsoft Account engagement

4 years of software development experience with various teams

Education

M.Tech. Computer Science from BIT, Ranchi

BE, Mechanical Engineering, Andhra University.

Summary

Currently working as Head, Seller onboarding and Leads Management for Seller Services, Amazon.com Europe division. Managing a team of 178 people working across three geographical locations.

Prior to this role, was working as head of Marketplace Selection technologies WW. Responsible for building technology platform supporting 3 Billion transactions per day and 55 Billion USD business per year.

Bhaskar Varanasi

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Areas of Expertise

Domains: Enterprise Management, Analytics, Supply Chain Management, Health Care Project Mgmt, Product Optimization and Life cycle Mgmt, Test Management

Products and Technologies: Middleware, Database, EDI, EAI, J2EE

Managing parallel projects and releases using global teams

Integration of Open Source technologies and products

Experience

*Working as Sr QA Manager @ **Oracle India Pvt. Ltd.**, Joined in April 2006.*

Prior experience spans across **GXS, Aztec Software, AcroComputing.**

Education

M.Tech. Computer Science (C Level) from **DOEACC**, Delhi.

M.B.A. (FI) in 1998 from **Andhra University**, Visakhapatnam.

B.Sc. (Computer Science) in 1995 from **Andhra University**, Visakhapatnam.

Summary

Management graduate with over **15 years** of diversified experience and technical skills. **Leading a global team** at Oracle India, responsible for **Product Engineering, Management and Quality**. Great depth of domain expertise, innovation, project management and leadership. Managed the product quality of large sized Enterprise products on **Premise and Cloud**.