



Karthik Remella

Technical Support Engineer II

“Adopting simulations holds the key to developing faster, efficient, and safer products and technologies. This adoption must begin at the grassroot levels with our children. Educating them is an efficient way to nurture, grow, and improve our world, and this must be a priority.”

BIO

Since he began asking ‘why’ as a child, Karthik has always been passionate about STEM. During his undergraduate, Karthik pursued various research opportunities to explore the field of thermal acoustics. Beyond his undergraduate, Karthik completed his PhD. in microscale heat transfer for thermal cooling of electronics.

GOALS

- Positively impact the world through simulation-driven product development
- Keen on exploring new avenues to develop and nurture interests
- Push the boundaries of possibilities using simulations

ANSYS EXPERIENCE

Karthik joined Ansys as a Technical Support Engineer. He believes in the vision of pervasive engineering simulations. Being a problem solver, Karthik uses his expertise in both physics as well as simulation to help Ansys customers in their simulation-driven product design. He loves interacting and helping students to adopt and learn industry best practices on the Ansys Student Community.

SPECIALTIES

- Multiphase Flows
- Heat-Transfer
- Turbulence
- Fluid-Structure Interaction
- Scrum Practitioner

INDUSTRY INTERESTS

- Consumer Electronics
- Consumer Products
- Automotive
- Electrification

PROFESSIONAL

EDUCATION

Doctorate in Mech. Engineering, University of Cincinnati, USA

Masters in Mech. Engineering, University of Cincinnati, USA

Bachelors in Mech. Engineering, National Institute of Technology Durgapur, India

PERSONAL

INTERESTS

STEM, Soccer, Hiking, Photography, & Astronomy

LANGUAGES

English, Hindi, Telugu, Tamil

COMPETENCIES

SIMULATION



ENGINEERING



LEADERSHIP



ANSYS PHYSICS

