



# 3D Graphics & GPU Compute

## Training / Consulting

with

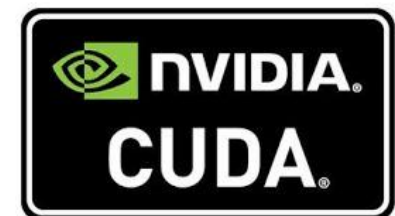
OpenGL, Vulkan, WebGL, WebGPU,

CUDA, MATLAB, Python

**KBVIS Software Pty. Ltd.**



WebGPU





# KBVIS Software

- Incorporated originally in 2003, Chennai, India
- Incorporated as KBVIS Software in Meanjin, Australia, 2018
- Proven Expertise and solutions in 3D Graphics solutions
  - OpenGL/OpenGL-ES
  - WebGL/WebGPU
  - Vulkan/Metal
  - CUDA
  - AI/ML/Data-Science with MATLAB, Python
- Rich Experience in varied application domains:
  - Medical, Scientific, Mining Visualisation
  - 3D Graphics & Gaming/Entertainment
  - CAD/CAM/CAE
  - High Performance Computing (GPGPU, CUDA)
- Solutions delivered to clients worldwide in USA, Europe, Australia, South America, China, India



# The KBVIS Advantage

- In-Depth Expertise
- We are Practitioners, not just trainers
- We offer Post-Training Support:
  - Technical Support
  - Consulting
  - Software Development Services
- We can truncate learning curve, development lead time, boost productivity





# The KBVIS Team

## Karthik Bala

- M.S. Computer Science – CSU Fort Collins, USA
- B.E. Computer Science – BITS, Pilani, India
- OpenGL Developer since 1995
- NVIDIA Registered Developer since 2001
- Developed 3D Visualization and Imaging products for companies in USA, Australia, Europe, India
- Creator of KBVIS' flagship product KB-Vol3D, installations in 14+ countries
- Rich experience in teaching, training, consulting, mentoring in organisations including Colorado State University, Samsung, AshvaTech, CAS Tech, Minetec, Deswik Mining, Rapiscan Systems, Honeywell, Toshiba, Barco, RefleXion Medical and more.



# The KBVIS Team

## Krishna Karthik

- QACI graduate 2022, Meanjin, Australia
- Australian National University – Physics / Computer - Science PhD. track (ongoing)
- MATLAB (Professional Certification, Mathworks Inc.)
- Python, NVIDIA Deep Learning, Data Science Specialist



### MathWorks Certified MATLAB Professional

Issued by [MathWorks](#)

The MathWorks Certified MATLAB Professional validates a final tier of proficiency required for writing applications, simulations, and analyses in MATLAB. Earners can create applications with multiple levels and types of functions for organizing complex logic and execution models. They can store and access large data sets containing heterogeneous data for analysis. In addition, earners create solutions that optimize performance through inbuilt productivity features and troubleshoot applications.



# The KBVIS Team

## Shiv Kumar

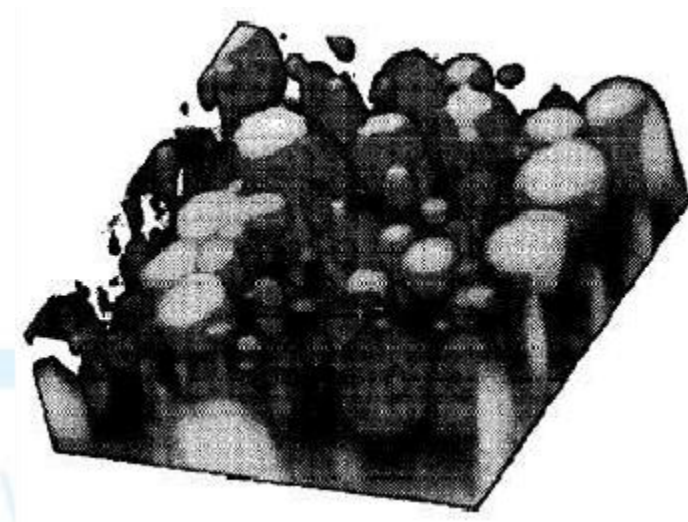
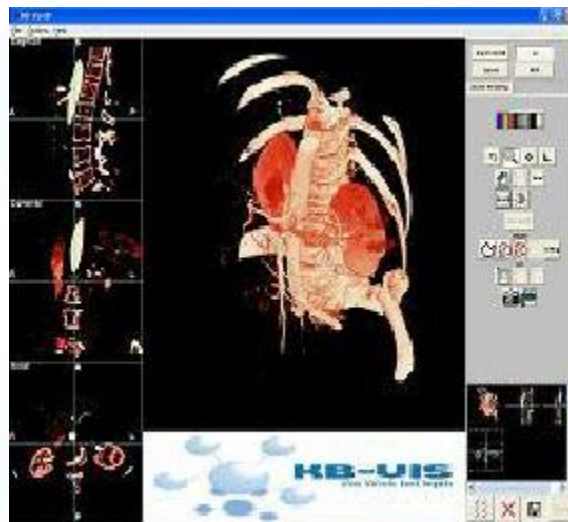
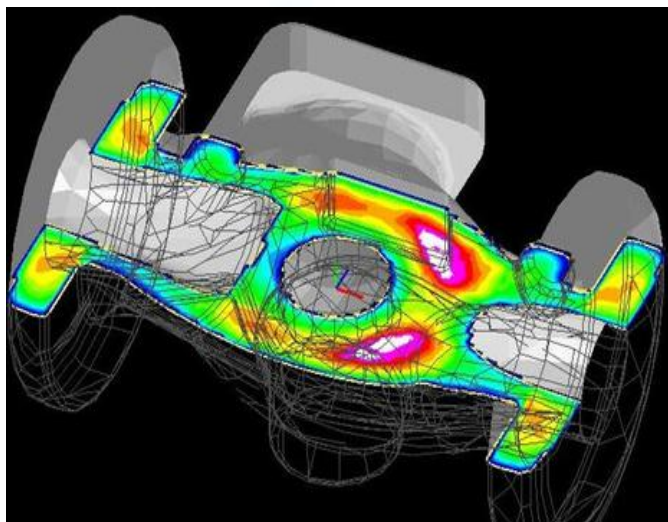
- M.A. Graphic Arts and Design – Curtin University (Perth)
- B.A. Visual Communication –Chennai, India
- Rich Experience in
- Graphic Design
- Web Content Creation
- 3D Graphic Tools, Animation
- 3D Printing, Rapid Prototyping



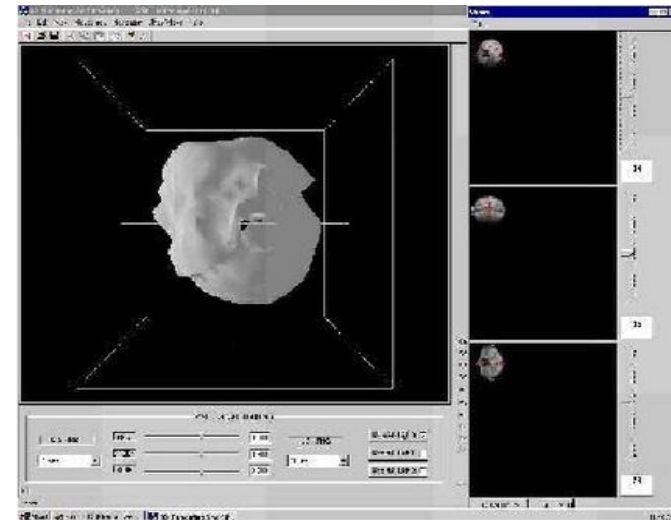
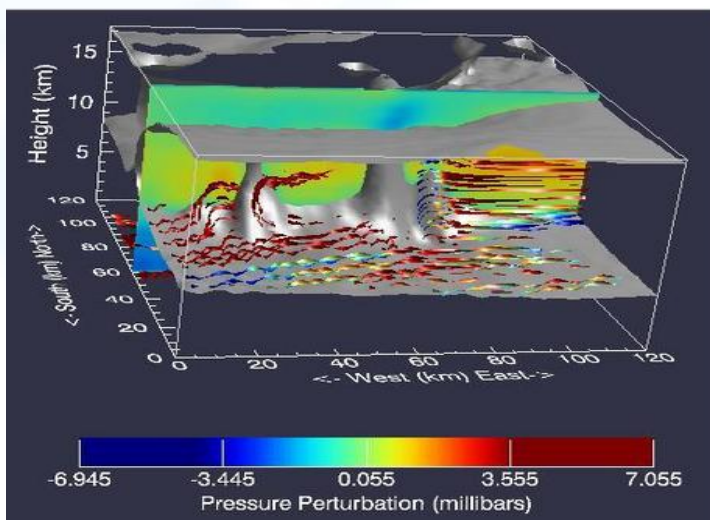
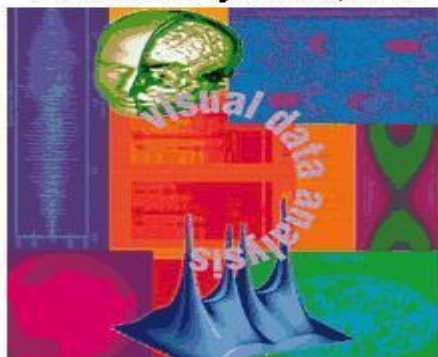
# Clients

- Amicas Inc., Viztek Inc., Research Systems Inc., Rapiscan Systems, RefleXion Medical (USA)
- Deswik Mining, Minetec, Lazareye Interactive (Australia)
- Global Imaging (France)
- Toshiba, Barco Electronics, Rapiscan Systems, DSP Group, Honeywell Technologies, Samsung, Textron, Siri Tech, Oriental Software, TeleRad Tech, SpecIndia, MedVis, Ashva Tech, Triad Software, EvolveIT (India)
- Fixverland (Peru)
- JinYuan Medical Devices (China)

# Past Projects



**Research Systems, Inc.**





# Contact

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