Kabeer Vamshee Krishna

Email : kkvamshee@gmail.com
Mobile : +65 91747872

EDUCATION

- **Indian Institute of Technology Roorkee**   Roorkee, India
  Bachelor of Technology in Civil Engineering   *Jul. 2015 – May. 2019*

EXPERIENCE AND PROJECTS

- **Works Applications**   Singapore
  Junior Software Engineer   *Oct 2019 - Present*
  - Worked on designing and developing an application to simplify **UI customization** and decrease the communication barrier between clients and consultants.
  - Developed and maintained **Angular Code Generator** to embed flexible design patterns and improve developer productivity saving around **1200 man hours** and still counting.
  - Utilise **App Dynamics** to analyse and improve **latency issues** in web applications.
  - Actively worked on converting **JSON data to XLSX/Google Sheets** with embedded macros to enhance ease of usage.
  - Handling deployement in internal applications corresponding to **AWS Lambda** and traditional servers.
  - Interacted regularly with managers, consultants to effectively map business requirements to technical requirements in a multicultural workspace.

- **Spookfish Innovations**   Bangalore, India
  Deep Learning Engineer (Internship)   *May 2018 - Jul 2018*
  - Research and Development of a Human Pose Estimation Architecture.
  - Integration of Pose Estimation model with Thermal imagery.
  - Calibration of thermal camera with regular RGB camera.
  - Development of Pose Comparison model.
  - This software is now being used by cricket players in identifying the critical body parts while playing.

- **Indian Institute of Technology**   Roorkee, India
  Research   *Aug 2018 - May 2019*
  - Development of a self-driving motor robot for indoor environments.
  - Kinect is used to obtain the depth image instead of LIDAR thereby reducing the cost of model by 50%.
  - Several 3D-mazes are built using Blender for optimization of mapping algorithm.
  - Exploration algorithm is being developed to build the map of an unknown space.

PROGRAMMING SKILLS

- **Frameworks & Technologies :** Spring, Angular, Node.js, Anaconda, Tensorflow, OpenCV, MySQL, Cassandra, Git

- **Languages :** Java, Javascript, Typescript, Python, C/C++, SQL, HTML, CSS/LESS

- **Interests :** Web Development, Machine Learning, Computer Vision, Data Analysis/Visualisation

AWARDS

- Secured 3rd Rank in The Young Optimization Crackerjack Contest conducted by IEOR @ IITB & McKinsey Knowledge Centre India.

- Ranked 4th in GSC-Brainwaves Hackathon by Societe Generale.

LANGUAGES

- English, Hindi, Telugu.