

SIRIUS GANESH

San Diego, CA | siriusganesh@outlook.com | (469) 929-1465 | siriusganesh.com

Experienced Systems Consultant and Robotics Engineer with a proven track record in developing innovative solutions and improving efficiency. Adept at managing large projects and fostering client relationships. Skilled in software configuration and robotic automation, with a solid background in Engineering Mechanics and Business.

PROFESSIONAL EXPERIENCE

Systems Consultant

Geek+ Robotics

San Diego, CA | Remote

Aug 2023 - Present

- **Leverage domain expertise** in software and mobile robotics to drive technological advancements and client satisfaction throughout project phases, from review and estimation to execution, testing, and maintenance.
- **Design, configure, and lead comprehensive testing** for robotic fleet management software on Linux servers, including RESTful API System Integration and User Acceptance Testing.
- Provide **expert post-implementation support and training workshops**, executing troubleshooting strategies, firmware updates, and developing SOPs to enhance client operations and fault recovery.
- **Efficiently manage customer relations and project coordination** using Jira, swiftly resolving issues to meet SLAs and driving cross-department collaboration for seamless execution and closure.

Deployment Manager | Robotics Engineer

Geek+ Robotics

San Diego, CA

Aug 2021 - Jul 2023

- Directed **onsite planning, scheduling, and budgeting**, executing **\$40 million** projects, and led **AMR fleet deployments** across varied operational environments with engineering and client teams.
- Managed **supply chain logistics, installation processes, and rigorous testing protocols**, ensuring projects met stringent **quality standards** and system performance benchmarks.
- Enhanced **client relations** through regular, concise updates and hands-on training, fostering strong partnerships and ensuring **successful project delivery and client satisfaction**.

Undergraduate Researcher

Grainger College of Engineering

Champaign, IL

Sep 2019 - May 2021

- **Collected and managed data** for micro-droplet dynamics and heat transfer research, supporting the publication of four research papers.

EDUCATION

University of Illinois Urbana-Champaign

BS Engineering Mechanics, Minor in Business

2017 - 2021

SKILLS

Systems	Linux, SQL, Python, JavaScript, Software Configuration, Data Management, Cybersecurity, Networking, Integration and Testing
Robotics	CAD, DFMA, GD&T, FMEA, RCA, PLM, Control & Embedded Systems, Sensor Integration, Robotic Automation, Project Management
Finance	Financial Markets and Products, Equity Research, Financial & Valuation Modeling, MPT
Self-directed	HTML/CSS, LaTeX, Python, Git, CI, Prompt Engineering, Encryption Standards Market Research, Competitive Analysis, Fundamental Analysis, Strategic Planning
Languages	English, Tamil, Spanish, Hindi, <i>*French</i> , <i>*Marathi (*elementary)</i>

PROFESSIONAL AWARDS

CEO Award

Recognition for leadership and execution that led to the long-term partnership with UPS.

Yong Zheng, CEO of Geek+

2022

Collaborative Spirit

Recognition for contributions across BUs and departments, enhancing organizational synergy.

Geek+

2023

Outstanding Team Award

Recognition for exceptional innovation and contribution to the largest projects of the year.

Geek+

2022, 2023

SOCIETIES AND HOBBIES

American Mensa	Area Coordinator - Champaign County	Jul 2019 - Dec 2019
Tau Kappa Epsilon	Treasurer, Executive Board, Philanthropy	Jan 2018 - Dec 2019
Autocross	2009 LS3 C6	
Espresso	Experimenting with different beans, grinds, and puck preparation to pull the <i>God Shot</i> .	
RC Aviation	Program and pilot large scale EDF jet aircraft and collective pitch helicopters	