

RAKSHITH SRIDHAR

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EDUCATION

University of Texas at Arlington Arlington, TX
Master of Science in Engineering Management Anticipated Graduation by May 2021

(Department of Industrial, Manufacturing and Systems Engineering)

- Recipient of Hon'ble G. T. Stevens Graduate Scholarship Award GPA: 3.786/4.0
- UTA Department of Campus Recreation (Student Assistant); EXCEL Campus Activities (Key Member)

Anna University Chennai, India
Bachelor of Engineering in Mechanical Engineering May 2019

- Board Member of Student Engineering Club; Lead Presenter in NSO Committee GPA: 7.84/10.0

SKILLS AND CERTIFICATIONS

MS Office Suite: Word, Excel, PowerPoint, Access; **Planning:** MS Project, MS Visio, Quicken, Primavera P6;
Programming: Java, C, C++, Python, MySQL; **Data Visualisation:** Tableau, PowerBI; **ERP:** SAP;
Design and Modelling: AutoCAD, ANSYS, CATIA, SOLIDWORKS, MATLAB; **Analytics:** MS Excel Plugins: Solver & Crystal Ball, Qualtrics, Minitab. **Concepts:** QFD, SPC, FMEA, Fishbone Diagram, GD&T, DOE, PPAP, JIT, Kanban.
Certifications: Certified Lean Six Sigma Green Belt (MSI Certified), Python Programming (UMichigan Certified), Big Data using MySQL (Duke University Certified), Certified Tableau Desktop Associate (In Progress)

PROFESSIONAL EXPERIENCE AND PROJECTS

Nestlé Waters North America Dallas, TX
Account Management Associate August 2020 – November 2020

- Prepared forecasting models and accurate sales reports in association with key internal stakeholders.
- Achieved customer acquisition through direct and indirect marketing campaigns for Nestlé ReadyRefresh.
- Contributed to 23% increase in quarterly sales revenue by leveraging referral network and targeting KPIs.

Infinity Foundations Chennai, India
Project Engineer May 2018 – August 2019

- Designed layouts for material flow and analyzed metrics to drive continuous improvement through lean methods.
- Created cost/schedule dashboards and delivered workforce, equipment, and production capacity planning reports.
- Troubleshoot technical issues relating to manufacturing automation, testing & quality through root cause analysis.
- Used AutoCAD and Solidworks to perform technical assessment, design and develop 2D plans and 3D models.

Adwants Branding and Digital Advertising Chennai, India
Business Development Associate May 2017 – May 2018

- Managed financial auditing, BOMs, reconciled budget parameters and market spends for large capital projects.
- Executed and optimized digital marketing campaign on Google's AdWords yielding 20% ROI improvements.
- Created an automation pipeline and an analytics dashboard to measure the effectiveness of production initiatives.

Millennium Systems SPIRIT Cell Phone Project – IE 6306 Engineering Management – II March - 2020

- Spearheaded a cross-functional team of 23 members to develop a technology business plan for launching a cell phone using Life Cycle Approach and Triple Constraint Model (Cost, Schedule and Performance).
- Conducted studies to manage supplier inventory, reduce project costs, total duration and to eliminate bottlenecks.

Computer Controlled Conveyor Belt Project – OPMA 5364 Project Management August - 2019

- Developed requirements, cost estimates and project program plans (MPP, IMP and Risk Management Plans).
- Managed RFIs, prepared and generated reports using Tableau to optimize budget spends.

Design and Fabrication of Obstacle Avoidance Robotic Vehicle – Jeppiaar Manufacturing Industry July - 2018

- Designed, built, and tested the vehicle to autonomously avoid obstacles using Ultrasonic Sensors and ICs.
- Developed control algorithm for the Raspberri Pi based vehicle and achieved drive using motor drivers.

Optimization of Fibre Reinforced Hybrid Laminated Composites – Fabheads Automation January - 2018

- Developed a genetic algorithm to optimise the Silicon Carbide and Basalt fibre reinforced composite and performed non-destructive testing protocols, FMEA to analyse and identify the most efficient configuration.
- Implemented quality assurance integration procedures under ISO 9001 quality system environments.

CONFERENCES AND SEMINARS

Innovation Day Conference – New Product Design and Development (University of Texas) April - 2020

- Collaborated with a team of engineers to design a prototype for a new product idea – Multifunctional Hard Drive.
- Represented the College of Engineering and presented the project to community members and industrial leaders.

Intercollegiate Seminar on Precision Engineering and Metrology (Anna University) March - 2019

- Worked under Prof. J. Mariyappan as Research Assistant on his doctoral research in Mechanical Manufacturing.
- Hosted a technical seminar addressing the technological advances and the nuances in Precision Engineering.