

KHANH (TONY) NGUYEN

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Objective: Professional growth and development in a Design/Drafting & Documentation Specialist position working within the Engineering, and Manufacturing departments to create, revise, maintain and control the changes of company products throughout their lifecycle.

Skills:

- Proficient in producing 3D modeling, dimensional drawings, installation drawings, operational method sheets, and complex manufacturing documents using SolidWorks, AutoCAD, ePDM, Agile, Arena PLM, Illustrator, Photoshop, MS-Word, MS-Excel, HTML.
- Experience in Engineering Document Control practices. review and process general policies/procedures, compliance, ECRs/ECOs, deviations, customer orders, engineering drawings, and BOM. Research product change impact to ensure all products affected are identified and any issues resolved.
- Knowledge of GD&T and ASME Y14-5-2009 standard drafting practices and procedures.
- Experience in collaborating and assisting interaction between customers, vendors, suppliers, manufacturers, and the rest of the parties in the U.S, EU, and Asia to ensure problems, accuracy, consistency, and quality are applicable to standards, laws, and regulations.
- Excellent attention to detail; quick learner with creative problem solving and analytical skills. Exceptional oral and written communication skills to effectively interact with internal and external stakeholders, at various levels of the organization.
- Able to work with minimal supervision; able to meet commitments and targets. I'm self-directed and highly motivated. I enjoy working in a team environment and thrive under pressure.

Education:

- Associate degree in Engineering Science – Mission College, Santa Clara, CA - 2000

Technical Achievement:

- Certified - Designing with Plastics – GE Plastics, Santa Clara, CA - 2000
- Certified - SolidWorks Fundamental & Advancing – US CAD, Santa Clara, CA - 1997
- Certified - Numerical Control Programming – San Jose City College, San Jose, CA - 1995
- Certified - Machine Tool Technology – San Jose City College, San Jose, CA - 1994

Work History:

AbbVie, Inc., Redwood City, CA 94063 – Oct 2021 – Apr 2022

A Pharmaceutical Research & Development Company

Mechanical Facility Designer (Offsite Support) – Contracted from Tellus Solutions to

- Support the prioritized EU Directive compliance project implementation plan by reviewing existing work orders, drawings, certificates, and CoC documents.
- Operate as central support for all RoHS, REACH, WEE, CA Proposition 65, and Mineral Conflict issues, and ongoing product compliance.
- Review and validate existing product documents, certificates, and CoCs in the Arena PLM system to ensure the product remains continuous and compliant.
- Acquire valid certificates and creates MCO to update compliance documents for completeness, format, and compliance with AbbVie requirements.

Pure Storage, Inc., Mountainview, CA 95008 – Jan 2021 – Aug 2021

A Manufacturer of Flash Data Storage Hardware & Software Product

Mechanical Product Engineer II (Offsite Support) – Contracted from Alois LLC to

- Work with overseas vendors, suppliers, and manufacturers to establish alternative reliable sources for over-the-shelf parts and materials to improve production costs.
- Create product label artworks, packaging drawings, and shipping content instructions and instructions.

Velo3D, Inc., Campbell, CA 95008 – Feb 2020 – Dec 2020

A Manufacturer of Metal AM Printing Company

Engineering Support & Drafting – Contracted from Zelos Consulting LLC to

- Support R&D engineers in activities of Sapphire AM Metal Printer project. Responsible for MCO, ECO's release. Detail manufacturing drawings, and schematics of Sapphire using SolidWorks, AutoCAD Electrical, and Agile PLM.
- Detail manufacturing drawings, and schematics of Sapphire using SolidWorks, AutoCAD Electrical, release in Agile PLM and prepare project status reports.

EtaGen, Inc., Menlo Park, CA 94025 – Feb 2019 – Jan 2020

A Linear Generators Innovative Company

Technical Support & Drafting – Contracted from Mainz Brady Group to

- Support NPI engineers in design, drafting, and documentation for a variety of mechanical projects, ranging from ECOs to drawings of existing products. Create, and refine 3D CAD analysis models for manufacturing and assembly objectives.
- Work directly with project engineers and minimal written verbal input to create conceptual models, detail manufacturing drawings with GD&T, and manage assembly configurations, and BOMs.

COMET Technologies USA, Inc., San Jose, CA 95131 – Nov 2017 – Dec 2018

A Manufacturer in RF Power Delivery & Plasma Control Technologies Company

OMS Developer & Drafting – Contracted from Ryzen to

- Create assembly and test instruction (OMS) to support NPI and train production personnel. Work cooperatively with engineers and others for engineering documentation using SolidWorks, AutoCAD, and SAP Modules and related reporting.
- Document assembly and integration process of a variety of modules for SOE (Sequence of Events) and BOM (Bills of Materials) using SolidWorks, AutoCAD, and MS-Office Suite.
- Support NPI engineers in activities of ECR/ECO process, and drafting for a variety of mechanical projects, ranging from development to production.

SLAC - Stanford University., Menlo Park, CA 94025 – Dec 2016 – Sept 2017

A U.S. Department of Energy (DOE) Office of Science Laboratory

[Mechanical Design & Drafting](#) – Contracted from Asquare, Inc. to

- Work directly with project engineers and minimal written verbal input to create, maintain and control complex mechanical drawings, top-level assembly drawings, and models for the Large Synoptic Survey Telescope (LSST) Group using Solid Edge.
- Create manufacturing detail drawings and tolerance studies, BOMs verification, and ECR/ECO during different phases of the product development process.

TE Connectivity., Menlo Park, CA 94025 – Sept 2012 – May 2016

An Electronic Connectors, Adapter, and Components Company

[Mechanical Design & Document Specialist](#) – Contracted from Asquare, Inc. to

- Create, maintain, and control the changes in Aerospace, Defend, and Marine products throughout their lifecycle using Creo Parametric, AutoCAD, and Enovia PLM.
- Develop and manage the execution of engineering changes end to end from the inception of the change request, collation of inputs, impact analysis to approval, and communication of changes.
- Reviews and processes general policies, procedures, change requests, orders, deviations, and BOM, and verifies the completeness and correctness of products during the release process.
- Support product development engineers with expertise during different phases of the product development process. Coordinate and interact with the team in India for project execution.

References: [Portfolio Capability](#).