

JASMIN ARDID ROXAS, RME

Mechanical Engineer / Design Engineer

- 🏠: Block 32 Lot 3, Phase 2, Calamba Park Place, Brgy. Makiling,
Calamba City, Laguna, 4027, Philippines
- ☎: (+63) 0915-3074669
- ✉: ardidjasmin@yahoo.com



CAREER OBJECTIVE

Detailed-oriented, highly motivated engineer with years of experience, leading to work in a company that provides opportunities for the advancement and development of new skills and expertise in the field of Mechanical Engineering while meeting the goals and objectives of the company.

PROFESSIONAL ELIGIBILITY

- **Professional Licensure Examination Passer (Apr 2013)**
PRC Manila, Philippines General Weighted Ave: 85.6%
- **National Certificate II Level Passer in Technical Drafting (July 2016)**
Technical Education and Skills Development Authority (TESDA – Batangas)

KEY QUALIFICATIONS

- SolidWorks 2017- 2022 (3D CAD Design Engineering Software)
- Co-Create Modeling Software (One Space Design)
- Basic and Advanced AutoCAD
- ASME 14.5 GD&T (Geometric Dimensioning and Tolerancing) Standards, DIN Standards & JIS
- Syspro and EPDM (Enterprise Product Data Management)
- ECO (Engineering Change Order) process
- Oracle Cloud and Agile Product Lifecycle Management
- PRCO (Product Release Change Order) process
- Automation & Robotic Design Applications
- Microsoft Office Application
- Proficient in Oral and Written communication in English and Filipino Language
- Excellent interpersonal skills and ability to work in a team-oriented environment
- Adaptability and Multi-tasking skills
- Able to work as part of a Team and independently

WORK EXPERIENCE

Employer: **COHU PHILIPPINES**
Registered in the Philippines as Delta Design Philippines LLC

Position: **Design Engineer II – Kit Engineering Department**
July 2022 to Present
Design Engineer I – Kit Engineering Department
June 2017 to July 2022

Location: C4-6 Tagaytay Ridge Drive, Carmelray Industrial Park II, Brgy. Punta, Calamba City, Laguna, 4027 Philippines

Industry: Semiconductor Engineering / Manufacturing / Fabrication



Position Summary:

- ✓ Design, develops, layouts, documents and supervises in designing, manufacturing, testing and application of kits and handler interface solutions. Reviews, evaluates, and recommend improvements on design projects completed by Kit

Design Engineers. Provides training to less experienced Kit Design Engineer. Interfaces with customer, supplier, sales, customer service engineer and team members with minimal guidance.

Major Responsibilities:

- ✓ Follow engineering procedures and specifications to develop Kit related mechanical designs. Generate Design Documentation, detail part drawings per ASME 14.5 standard, Assembly drawings and Bills of Materials.
- ✓ Designs and monitors the development of device kit and/or modified designs.
- ✓ Effects kit design refinement and/or advancement to meet constant changes in customer preferences or requirements.
- ✓ Provides services to kit users on kit applications and technology.
- ✓ Actively participates in all phases of the project, including requirement definition, design, development, research, fabrication, testing/integration, customer interface, maintenance, safety, and economic utilization used in the manufacture of device kits.
- ✓ Modify fabricated parts from redlined drawings or verbal instruction.
- ✓ Generate Engineering Change Orders and Bill of materials
- ✓ Assures on-time availability of kit design to manufacturing and customers.
- ✓ Support manufacturing floor as required.

Employer: EPSON Precision Philippines Inc. (EPPI)
Position: Mechanical Design Engineer – VP Equipment Engineering Department
16 July 2013 to 23 December 2016
Location: LIMA Technology Center, Lipa City, Batangas, 4217, Philippines
Industry: Electronics Manufacturing/ Production Operations



Position Summary:

- ✓ Design, develops, layouts, documents and supervises manufacturing of automated machine/equipment, robotics/pneumatic systems & jigs, tools, fixtures & machines (JTfM) for manufacturing and production processes. Interfaces with supplier, sales/planning, parts/production engineers and team members with minimal guidance.

Major Responsibilities:

- ✓ Follow engineering procedures and specifications to develop automated machine/equipment, robotics/pneumatic systems & jigs, tools, fixtures & machines (JTfM). Generate Design Documentation, detail part drawings per Japan Industrial Standard (JIS), Assembly drawings and Bills of Materials.
- ✓ Creating innovation activities for manufacturing and production processes
- ✓ Promotes rationalization activities and contribute to manpower reduction, efficiency up, quality and safety
- ✓ Monitors the development of jigs, tools, fixtures, machines (JTfM) and automation, and/or modified designs.
- ✓ Creating optimum design of JTfM within the approved budget by implementing efficient development processes and innovative design options
- ✓ Ensures that all necessary documents are readily available prior to JTfM usage in assembly line
- ✓ Conduct machine risk assessment and provides related safety documents before production use.
- ✓ Provides manpower training before JTfM implementation
- ✓ Provides and supervises machine troubleshooting to the assigned technicians

ACHIEVEMENTS

- Designed of 300+ Kit and Interface Designs & Spares
- Established six (6) New Models of Liquid Crystal Projector Technology at EPPI
- Established two (2) New Models of Head Mounted Display Technology at EPPI
- Designed and established of automated machine using robotic application - Automatic Adhesive Application Machine
- Designed and established of six (6) caulking machines for the parts localization
- Designed and established of five (5) blowing machines using pneumatic process
- Established more than 200 jigs, tools and fixtures for production use and new model start up

SCHOLASTIC RECORD

Bachelor of Science in Mechanical Engineering
Batangas State University – Alangilan, Batangas City
June 2007 – December 2012

TRAININGS AND SEMINARS

Local Trainings:

Emerging Leader Program - Part 1
Aug 14, 2023 – Feb 16, 2024

Delta Design Philippines LLC (Cohu PH)
C4-6 Tagaytay Ridge Drive, Carmelray Industrial Park II,
Brgy. Punta, Calamba City, Laguna, 4027, Philippines

Technical Report Writing
December 9, 2017

Delta Design Philippines LLC (Cohu PH)
C4-6 Tagaytay Ridge Drive, Carmelray Industrial Park II,
Brgy. Punta, Calamba City, Laguna, 4027, Philippines

Computer Aided Drawings Leading to Technical Drafting NC II
Basic and Advanced AutoCAD - Accredited by TESDA

March 12 – July 23, 2016
Advanced Business Consultancy Centre (Phils.) Inc.
SMCA Bldg., 127 MH Del Pilar St., Batangas City,
Batangas, Philippines

ISO 14001: 2015 Awareness Training (July 21, 2016)
Basic Occupational Safety and Health (BOSH) Training
(June 27 – July 1, 2016)
Machine and Equipment Safety Training (May 23, 2014)

EPSON Precision Philippines Inc.
LIMA Technology Center, Lipa City, Batangas, 4217,
Philippines

Overseas Trainings:

Business Trip focusing on Machine Automation and Innovation
June 21 - 22, 2016

EPSON Engineering (Shenzhen) LTD.
The 5th Industrial District, Nan Shan, Shenzhen,
GuangDong Province, China

Business Trip focusing on Machine Automation and Innovation
June 23 - 24, 2016

HIP Fung Technology (Shenzhen) Ltd.
179 Liang Bai Road, Liang An Tian, Pin Hu, Longgang
District, Shenzhen, GuangDong, China

New Model Promotion Training
May 18 - 30, 2015

SEIKO EPSON Corporation
Matsumoto City, Nagano Ken, Japan

PERSONAL BACKGROUND

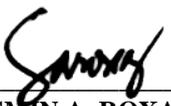
Date of Birth : September 24, 1990
Age : 33 years old
Gender : Female
Civil Status : Married

Nationality : Filipino
Religion : Roman Catholic
Weight : 60 kg
Height : 157 cm

REFERENCE

Available upon request.

I hereby declare that the above information is true and accurate to the best of my knowledge and belief.



JASMIN A. ROXAS