

Rik Raj Giri

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Aerospace Engineering student and **U.S. Army National Guard Chinook Helicopter Repairer (15U)** with a focus on full-aircraft systems integration. Combines professional drafting experience and hands-on CH-47 maintenance with proficiency in **SolidWorks, MATLAB, and Python**. Proven leader with experience managing high-value operations and complex technical consultations.

Technical Skills

- **Engineering & Design:** Python, Java, MATLAB, AutoCAD, SolidWorks, Inventor, Fusion 360.
- **Aviation Maintenance:** Technical Manual (TM) Interpretation, Blueprint Analysis, Subsystem Rigging, Troubleshooting, Structural Repair.
- **Operations & Leadership:** Team Training, KPI Tracking, Inventory Management, High-Value Asset Security.
- **Certifications:** GSI Gemstone Presentation Certification

Education

San Jose State University | San Jose, CA *Bachelor of Science in Aerospace Engineering* | Expected Graduation: 2029

Military Experience

U.S. Army National Guard | 15U Chinook Helicopter Repairer (E-4 Specialist) | Sept 2025 – Present

- **Systems Integration:** Serve as a generalist maintainer responsible for the interaction of all major systems to ensure aircraft safety and mission capability.
- **Subsystem Maintenance:** Remove, install, and adjust entire subsystems including powerplants (engines/APU), drive trains (transmissions/rotors), flight controls, and hydraulics.
- **Technical Compliance:** Execute repairs and inspections according to complex drawings, blueprints, and technical manuals to ensure 100% safety protocol adherence.
- **Diagnostics & Rigging:** Troubleshoot aircraft subsystems using specialized tools and equipment; perform mechanical flight control rigging and adjustments.
- **Quality Assurance:** Prepare and manage aircraft maintenance forms and records, ensuring rigorous documentation of all scheduled and special inspections.
- **Operations:** Perform nonrated crewmember duties essential to aircraft operation and manage facilities for flammable and hazardous materials.

Engineering & Technical Experience

Ducker Constructions | Designing and Drafting Intern | May 2021 – August 2021

- **Technical Drafting:** Utilized AutoCAD to develop comprehensive floor plans and structural drafts for high-end residential projects.
- **Schematic Design:** Engineered detailed electrical plans, ensuring precise placement of circuitry and adherence to technical specifications.
- **Cross-Functional Collaboration:** Partnered with senior designers to translate conceptual sketches into production-ready 2D digital models.
- **Quality Control:** Performed audits on technical drawings to ensure 100% accuracy and compliance with local building directives.

Professional Experience

Moodytiger | Assistant Store Manager | Dec 2025 – Present

- Serve as **keyholder**, supporting daily store operations, opening/closing procedures, and policy compliance.
- Help drive store performance by supporting **sales goals, KPIs, and daily targets**.
- **Train and onboard new hires**, reinforcing brand standards, customer service expectations, and sales techniques.
- Maintain **store compliance**, including visual merchandising accuracy, cleanliness, and customer satisfaction.
- Operate and supervise **POS systems**, cash handling, and customer transactions.

Jewelry Consultant

Brilliant Earth | Jewelry Consultant | Sept 2025 – Dec 2025

- Delivered **appointment-based, one-on-one consultations** in a luxury showroom focused on custom engagement and wedding rings.
- Collaborated with clients to **design personalized bridal jewelry**, guiding stone selection, settings, and budgets.
- Met or exceeded **daily and quarterly sales goals** while maintaining a highly personalized experience.
- Managed transactions in a **high-net-worth market**, with **average ticket values exceeding \$3,000**.