



Job Opening at Axtra3D, Charlotte NC.

Position: Application Engineer – Additive Manufacturing

Location: Charlotte NC, USA

Type: Full-Time, Permanent, In-office

Contact: marcom@axtra3d.com

Application Process: Send resume to the above email address

Description:

We're seeking a proactive, technically skilled Application Engineer to join our expanding team in Charlotte, NC. This role is perfect for someone well-versed with Additive Manufacturing (3D printing), eager to get hands-on—from capturing customer needs to running prints and collaborating with sales, prospects, and resellers to drive applications, growth, and innovation.

Location:

- This full-time job is based in our Charlotte, NC, USA office and is primarily in-person, with an expectation of being on-site five days a week.
- As needed travel for customer visits, reseller support, trade shows, training.
- Ability to coordinate across U.S. and European time zones.

You're a Great Fit If You:

- Thrive in hands-on, customer-centered engineering roles.
- Communicate clearly with technical and non-technical stakeholders.
- Respond to ambiguity with agility and ownership and minimal supervision.
- Juggle multiple projects, prioritizing while staying organized.
- Are entrepreneurial, collaborative, and proactive in solving challenges.

You'll Be Successful If You:

- Act as a visible technical partner in a small, global team.



- Deliver quality execution alongside creative solutions.
- Help shape applications that support sales and customer success.
- Embrace increasing responsibility as we grow together.

Experience (~3–5 years):

Required:

- A bachelor's degree in mechanical engineering, Materials Science, Industrial Engineering or an associate degree with 5 years' experience.
- 3+ years of hands-on additive manufacturing workflow experience, including DfAM and multiple AM photopolymer technologies like SLA & DLP.
- Operate and maintain industrial 3D printers and a lab environment with minimal oversight.
- A technical aptitude for 3D printers/printing and strong problem-solving skills.
- Capability to work with CAD files.
- Demonstrated experience in customer-facing technical support, application consulting, or sales support roles, preferably including operator-level work with industrial 3D printers
- Excellent communication skills, with confidence in delivering training, workshops, and technical presentations

Plus:

- Tooling and/or Molding expertise is a huge plus
- Background in healthcare and industrial applications.
- Experience with cost-estimation or build strategy optimization
- Knowledge of post-processing workflows, ISO quality standards, or production environments
- Knowledge in material science (additive materials)

Responsibilities:

Customer & Sales / Reseller Support



- Run 3D prints across multiple industrial systems, managing build schedules, post-processing, quality control, and documentation.
- Advice on DfAM, orientation, supports, materials selection, build strategies, optimizing for cost, performance, and manufacturability.
- Troubleshoot print challenges and work with internal teams to implement solutions.
- Develop technical application workflows and documentation.
- Capture and translate customer, prospect, and reseller requirements into viable 3D printing applications.

Training & Workshops

- Deliver technical training sessions and presentations to customers, partners, sales, and resellers.
- Create clear technical documentation, process guides, build reports, proposals, and case studies.

Cross-Functional Collaboration

- Work with sales to define value propositions, proposals, and cost models; support prep of SOWs and presentations
- Partner with R&D, production, and marketing for sample builds, marketing parts, and new application development
- Monitor AM trends and offer insights into product enhancement

We are proud to be an equal opportunity employer, fostering diversity and inclusion across our team. today and help drive our shared success