

Professional Summary

Results-driven entrepreneur and engineer with 5+ years of experience in designing innovative solutions, leveraging expertise in 3D Printing and CNC Manufacturing to drive business growth. Proven track record of successfully launching and scaling a full-service platform, Shapefy, to connect hardware teams with manufacturers and accelerate time-to-market.

Professional Experience

Founder & CEO, Shapefy (DE09)

Inazuma.co | 2020 - Present

Senior Design Engineer (DE07)

NovaTech Inc. | 2018 - 2020

Key Achievements:

- Conceptualized and implemented a novel 3D printing technique, reducing production time by 30%.
- Collaborated with cross-functional teams to launch 5 successful product lines, resulting in a 25% increase in company revenue.

Responsibilities:

- Led design teams in developing innovative product solutions.
- Conducted workshops on 3D printing and CNC manufacturing for junior engineers.

Design Engineer (DE05)

DesignForge | 2015 - 2018

Key Achievements:

- Designed and prototyped a patented product, recognized with the 'Best Innovation Award' at the annual Design Expo.
- Improved design efficiency by 40% through the adoption of lean design methodologies.

Responsibilities:

- Created detailed design specifications for manufacturing teams.
- Assisted in the development of company-wide design standards.

Research Assistant

University of California, Berkeley - Research Assistant | Summer 2014

Key Achievements:

- Contributed to a research project focused on sustainable manufacturing practices, published in the Journal of Sustainable Engineering.

Responsibilities:

- Conducted literature reviews and data analysis for the research project.
- Assisted in the preparation of the project's final report and presentation.

Education

Bachelor of Science in Mechanical Engineering
Stanford University | 2015

Technical Skills

Design & Manufacturing:

- 3D Printing (SLA, FDM, SLS)
- CNC Manufacturing (Milling, Turning, Grinding)
- CAD Design (SolidWorks, Autodesk Inventor)

Entrepreneurial & Leadership:

- Entrepreneurship
- Team Management
- Strategic Planning

Software Proficiency:

- Microsoft Office Suite
- Google Workspace
- Project Management Tools (Asana, Trello)