**Eshan Patil**

(813) 453-7643 🞟 eshanpatil@gmail.com 🞟 249 Himrod Street, Apt. 2L 🞟 Brooklyn, NY 11237

**Mechanical Engineer**

Hardworking, self-motivated Mechanical Engineering graduate with recent education and a demonstrate proficiency in project management. Intuitive, creative problem-solving skills along with the teamwork skills needed to effectively implement innovative solutions. Superb technical abilities, with a passion for learning and applying new skills, processes, and technologies.

**CORE COMPETENCIES**

HVAC Systems 🞟 SolidWorks 🞟 AutoCAD 🞟 Systems Design 🞟 Cross-Functional Collaboration

Microsoft Word & Excel 🞟 Logistics Support 🞟 Time & Budget Management 🞟 Client Communications

3D Printing 🞟 MAG & MIG Welding 🞟 Manufacturing 🞟 5s 🞟 Quality Assurance 🞟 Project Management

**EXPERIENCES AND ACHIEVEMENTS**

**NORTH STAR MECHANICAL, Brooklyn, NY 2015 – Present**

**Jr Engineer**

* Work closely with contractors and subcontractors to coordinate worksite safety logistics.
* Research, identify, and document required materials. Ensured that all supplies and equipment were delivered on time in order to reduce idle time and improve efficiency.
* Assist with submittal, RFI, and requisition processes, improving client communications.
* Review timelines, contract drawings, and other documentation. Identify and address any discrepancies related to materials, dimensions, and other key aspects.
* Communicate critical information to steamfitters, suppliers, and other stakeholders to ensure that work is completed in accordance with established parameters.
* Research and understand wage ranges and compensation structures common in New York.

**BOMBARDIER TRANSPORTATION, Savli, India Summer 2014**

**Intern**

* Gained immersive experience with MAG and MIG welding processes, related equipment, and manufacturing safety procedures.
* Studied assembly procedures for rail transport equipment.

**FORBES & CO., LTD., Mumbai, India 2012 – 2013**

**Design Trainee**

* Assisted R&D Department by performing cutting tool testing to understand cutting tool lifespan when used with different types of materials.
* Set up and maintain Haas Vertical Machining Centers. Write programs for the machines, load and unload them, and clean them to improve overall performance.
* Worked closely with Technicians and Quality Control Engineers in order to improve the overall efficiency and effectiveness of the Research and Development department by 5S.
* Verified cutting tool dimensions, such as pitch diameter and rake angle, to ensure quality.

**COMMUNITY SERVICE EXPERIENCE**

Volunteer, University of South Florida Stampede of Service, Tampa, FL (2015)

Volunteer, Metropolitan Ministries Comprehensive Homeless Care Center, Tampa, FL (2015)

**EDUCATION & TRAINING**

**Master of Science,** Mechanical Engineering

University of South Florida, Tampa, FL (2015)

**Bachelor of Science,** Mechanical Engineering

M.H. Saboo Siddik College of Engineering, Mumbai, India (2011)

**OSHA 10 Hour Training for the Construction Industry,** OSHA Training Institute Education Center

**OSHA 30 Hour Training for General Industry,** OSHA Training Institute Education Center