

AAYUSH PATEL

Philadelphia, Pennsylvania | (445) 800 2571 | ayp086@students.jefferson.edu | <https://www.linkedin.com/in/aayush-patel-006040204/>

EDUCATION

Thomas Jefferson University

Philadelphia, PA

Master of Science in Construction Engineering (3.50/4.00)

August 2023-May 2025

Coursework: Building Information Modeling, Construction Risk Management, Construction Law, Roles and Responsibility, Estimation & Scheduling, Project Finance & Cost Control, Heavy Construction Principle & Practice, Material & Methods of Construction.

Nirma University

Ahmedabad, Gujarat

Bachelor of Science in Civil Engineering (7.5/10.00)

August 2019-May 2022

Coursework: Advances in Construction Project Management, Professional Practice, Infrastructure management, Advance Construction Technologies, Quality management, Environmental Management Systems, Design of Steel and Concrete Structures.

EXPERIENCE

Shivay Infraspace

Ahmedabad, Gujarat

Site Engineer

November 2022-May 2023

- Documented Construction Project logs (Daily Progress Report) and reviewed contract terms and conditions.
 - Managed Reinforced Concrete construction operations, overseen inspection of Reinforcement and formwork for concrete work complying with project specifications and codes.
 - Collaborated with project management team and organized meetings with sub-contractors regarding milestone discussion, contributing ahead of scheduled Completion of project.
 - Oversaw the procurement of construction materials and conducted quantity assessments.
- Skills: Quality Control, Project Scheduling, Estimation for concrete work, Material Procurement, Material Management, Labor management, Cost Control.

JK Lakshmi Cement Ltd.

Ahmedabad, Gujarat

Graduate Engineer Trainee

August 2022-November 2022

- Designed client homes and conducted regular inspections during critical concrete casting phases (slab, beam, and column) to ensure top-notch concrete quality.
 - Oversaw monthly Management Information System (MIS) reports and sales figures for cement bags, utilizing the First-In, First-Out (FIFO) inventory model.
 - Accumulated valuable teamwork and cross-departmental collaboration experience.
- Skills: Site Inspection, Teamwork, Monthly and Weekly Report, Time Management.

Ascon Realty

Surat, Gujarat

Summer Intern

January 2022-April 2022

- Developed a deep understanding of the seamless integration between theoretical knowledge and on-site work execution.
 - Gained knowledge in reading engineering drawing, architectural drawing, conducted site inspection complying with specifications and plans.
 - Utilized a total station to perform accurate surveys for spread footing and raft footing placements.
 - Collaborated effectively with professionals across various departments and enhanced problem-solving skills.
- Skills: Surveying with Total Station, Problem-Solving Skills, Drawing Reading

Creative Vision Architects & Interior Designers

Ankleshwar, Gujarat

Summer Intern

May 2022-July 2022

May 2021-July 2021

- Acquired valuable insights into planning, design, and estimation & scheduling fundamentals during internship.
 - Proficiently created 3D models and detailed drawings for diverse projects, including residential bungalows, utilizing Revit and AutoCAD software.
- Skills: Residential Planning, 3D Modeling, Architectural Drawing, Creativity.

SOFTWARE SKILLS

MS Project, Excel, MS Office, MS Word, PowerPoint, Outlook, MS Teams, Auto CAD, Revit, Bluebeam Revu.

CERTIFICATION

OSHA 30HRS

- OSHA 30-Hour certified with a strong focus on core safety principles and major emphasis on hazard recognition and mitigation strategies. Acquired comprehensive knowledge in core OSHA regulations while honing expertise in hazard recognition and risk management, contributing to a safer work environment.