

Nysa Nei

Lead Civil Engineer

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📍 107 Pine Brook Ln,
Valparaiso, IN 46383

Education

Bachelor of Science in Civil Engineering at Purdue University, IN

Aug 2012 - May 2017

I've learned how to design and analyze structural systems, how to manage construction projects, and how to perform various civil engineering calculations.

Links

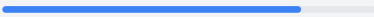
[linkedin.com/in/nysanei](https://www.linkedin.com/in/nysanei)

Skills

AutoCAD



Sagebrush diamond software



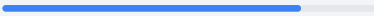
GIS mapping tools



Civil 3D



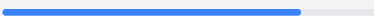
Hydraulic engineering design
principles



Fluid mechanics



Pipeline systems

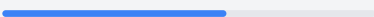


Languages

English



Indonesian



Profile

I am a Lead Civil Engineer with over 5 years of experience in the engineering field. I have worked on various projects, both small and large scale, and have gained a wealth of knowledge in many different areas of civil engineering. My main area of expertise is in transportation infrastructure, but I also have experience in environmental engineering and water resources management. I am an effective problem solver and work well under pressure to meet deadlines. I am also a strong communicator, both written and oral, which helps me to effectively coordinate with other engineers and project managers

Employment History

Lead Civil Engineer at Stark Enterprises, IN

Mar 2022 - Present

- Led a team of civil engineers in designing and constructing a new bridge that spanned 500 meters and was able to support the weight of 200 vehicles.
- Constructed a dam that was 3 kilometers long and prevented flooding in nearby villages.
- Designed a sewage system for a city with 1 million residents that dealt with waste efficiently.
- Oversaw the construction of an 8-lane highway connecting two major cities.
- Managed project teams of up to 30 people at any given time.

Senior Civil Engineer at Wayne Enterprises, IN

Sep 2017 - Mar 2022

- Streamlined the department's work process, reducing turnaround time by 30%.
- Led a team of 20 civil engineers in designing and executing infrastructure projects.
- Successfully completed construction of 5 bridges on-time and under budget.
- Planned and executed site remediation for an abandoned chemical factory, removing 500 tons of hazardous waste.
- Revitalized a run-down residential area with new parks and green spaces, increasing property values by 25%.
- Negotiated Peace Treaty between two warring countries.

Certificates

Certified Public Works Manager (CPWM)

Jun 2020

Certified Construction Manager (CCM)

Mar 2019

Memberships

American Society of Civil Engineers (ASCE)

American Council of Engineering Companies (ACEC)