**Chennamallaiahgari Rahul Shiva**

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**EDUCATION**

**Stevens Institute of Technology** Hoboken, NJ, USA **Master’s in Construction Engineering and Management**  **January 2023-May2024 GPA: 3.393/4**

**SRM Institute of Science and Technology** Chennai, TN, India

Bachelor of technology in Civil Engineering **July 2018 - MAY 2022** GPA: 3.17 /4

**SKILLS, ACTIVITIES & INTERESTS**

**Languages:** Fluent in English, Conversational proficiency in Telugu, Tamil, and Hindi

**Platforms/Tools:** Procore, STAAD pro, Revit, AutoCAD, Pro/Engineer, Primavera P6, Documentation

**Software & Technical:** MS Project, Excel, Word, PowerPoint, safety management, Project scheduling **Programming Languages:** C++, Java, SQL

**Certifications:** OSHA 10, Mastering Bitumen for better roads and innovative applications, Mechanics of Materials 1: Fundamentals of Stress & strain and axial loading, Hudson yards site employee orientation **Activities:** Book Discussion, Debate Club.

**Interests:** Cricket, Browsing, Novel Reading, Watching UFC

**WORK EXPERIENCE**

**Structures and Foundations PC, Ridgefield, New Jersey January 21, 2024 – Present**

* Selected as a part time Geo Technical Engineer by Structures and Foundations PC.
* Inspection and oversight of deep foundation installations
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* Backfilling inspections with density gauge (this equipment weighs approximately 70 lbs)
* Assist in preparing reports, analyzing data, and contributing to project documentation.
* Participate in fieldwork, site investigations, and other hands-on experiences in geotechnical engineering. This includes overseeing soil borings and testing pits to inspect soils and to evaluate existing foundation conditions, respectively.
* Drafting with AutoCAD 2D.
* Took total responsibility of video caisson inspections in pier 91 project Manhattan which contains 200 caisson with 9.625 inch and 24 inch

**Svedhi Infrastructure, Hyderabad, India** **December 2021 –November 2022**

* Selected as a **Graduate Trainee Engineer** by Svedhi Infrastructure after seeing previous work as an intern.
* Went to the Sewage Treatment Plant (STP) located in Gudur Andhra Pradesh and performed there from its foundation to the completion of the project.
* Promoted to be in charge of excavation and site execution, maintained quality control, and helped in developing raft works and slab work.
* Mastered knowledge about Bar Bending Schedule (BBS), Surveying, Excavation, and mechanical and electrical works in STP.

**PROJECTS**

**Advanced project controls in the Built Environment May 2023**

* Briefs on financial socio-economic analysis of the historical monument
* Observing the multi-stakeholder analysis, cumulative cash flow, earned value analysis, and finding whether the project is financially viable or not.

**Analysis of groundwater resources using gis and the design of a check dam for recharge in Ranga Reddy district Hyderabad** **January 2022 – May 2022**

* Aimed to identify groundwater resources in the location and find a suitable check dam for the groundwater resource, design, and analysis of check dam.
* Helped to improve groundwater level in Ranga Reddy district and helps in irrigation, rapid urbanization/industrialization, and proper land-use practices.
* Displaying the resources on the screen, employing software such as QGIS, STAAD PRO, AUTO CAD, and REVIT architecture.

**LEADERSHIP**

**MILAN Cultural Fest** SRM Institute of Science and Technology, Chennai, TN

Finance committee head **February 2020 – March 2020**

* Obtained sponsorship from various companies, Increased sales of the tickets and stores, and gathered the requirements of other committees.
* Recruited over 100 students to organize the fest and promoted Fest through online and offline marketing.