Nahada C

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CAREER OBJECTIVE

To secure a challenging position in a well-established, reputed firm that utilizes my engineering knowledge and skills and to be an active part of its achievements.

EDUCATION

National Institute of Technology Calicut — Dec 2020 – May 2024
B.Tech , Civil Engineering — *CGPA: 8.63*

P.K.M.M.H.S.S Edarikode — jun 2017 – Mar 2019
11th and 12th — *97.6*

EXPERIENCE

National Transportation Planning and Research Center — Jun 2023
Intern — *Kochi, Kerala*
- Led a team of seven to complete 4 projects in one month, including on-field surveys and data analysis for Kochi Metro and Water Metro; presented financial forecasts to the Director
- Showcased advanced analysis skills using Excel to evaluate ridership quality and financial data, and QGIS for digitizing transportation modes and generating building footprints in Kochi.
- Conducted travel time analysis for congested cities using QGIS with the MapFlow plugin.

LSGD Trivandrum — May 2022 - Jun 2022
Intern — *Trivandrum, Kerala*
- Visited multiple government projects with a senior engineer, gaining hands-on experience with truss works, girders, pavements, and finishers.
- Created daily reports detailing project estimates, material quality, and quantity.
- Enhanced understanding of construction processes and material management through on-site learning and documentation.

PROJECTS

Analysis of floating offshore wind turbine — Apr 2023 – Oct 2024
NIT Calicut
- Analysis of three different floating offshore wind turbine using an open sourse software ,**OpenFast** . Spar buoy , Semi submersible and Tension leg platform . Analysed failure modes and critical section of the structure. Found the probability of fragility and plotted fragility curves using exceedance probability

Coffee Shop Website Design — Sept. 2023 – Oct 2023
Personal
- Developed a static responsive website for a coffee shop client using HTML, CSS, JavaScript, and Bootstrap. The website was designed to be user-friendly and visually appealing, ensuring responsiveness across various devices. Delivered a professional and functional site that met the client's needs and enhanced their online presence.

ACTIVITIES

Class representative winter semester — July 2022-Jan 23
- Served as Class Representative for one semester, effectively coordinating between students and faculty, organizing class meetings, and addressing student concerns to improve the academic environment.

Member of infrastructure and security — Ragam 2022
- Member of the Infrastructure and Security team for Ragam'22, the cultural fest at NIT Calicut, where responsibilities included ensuring smooth operations, managing event logistics, and maintaining safety and security throughout the event.

Skills & Interests

Programming Languages: C, Java, JavaScript

Web Development: HTML, CSS, JavaScript, Node.js, Express

Databases: MongoDB

Programming Paradigms: OOP (Object-Oriented Programming)

Data Structures and Algorithms: DSA

Interests: Programming, Designing, Drawing

Languages: English, Hindi, Malayalam, French