**Rajan Kariya, CMIT|** Ph: +1 (216)-526-0317,[kariyarajan@gmail.com](mailto:kariyarajan@gmail.com), Buford GA30519



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| --- | --- | --- | --- |
| **EDUCATION** | |  |  |
|  |  |  |  |
| Master of Science in Civil Engineering- with a concentration in Transportation Engineering | | GPA - 3.45 | *Dec 2018* |
| **Cleveland State University**, **Cleveland, Ohio** | |  |  |
| Bachelor of Technology in Civil Engineering | | GPA - 3.41 | *Dec 2016* |

**Gujarat Technological University, Ahmedabad, Gujarat, India**

**COURSEWORK**

Highway Safety, Transportation Engineering, Highway Engineering, Airport Engineering, Urban Transportation engineering, Hydrology Analysis, Water resources engineering, Ground water Hydrology, Open Channel Hydraulics, Traffic Flow Theory.

**SKILLS**

Auto-CAD, Lingo, HEC-RAS, HEC-HMS, AQTESOLV, Surfer, EPANET, EPA SWMM, Google Sketchup, Google Earth-pro, HCS, VISSIM, Synchro-10(Beginner), Arena, Bluebeam, Microsoft Office – Word, Excel & PowerPoint, Outlook, Orgsync

**WORK EXPERIENCE**

**Highway Project Superintendent,** Ohmshiv Construction LLC, Lawrenceville, GA 30043 *April* 2018

* Schedule Subcontractors, Consultants and Vendors in Critical path to ensure timely Completion
* Work in specification of GDOT and AASTHO
* Perform Quality control duties and responsibilities regarding to work being performed.
* Communicate with project team regarding ASI’s, RFI’s , and material Submittals.
* Ensure that subcontractor is fully executing and complying with his contracted scope of work.
* Coordinate required inspections with local jurisdictions.
* Identify subcontractor non-compliance with safety, health, and environmental quality standards.
* Identify conflicts in construction progress and communicate them to project team for resolution.
* Maintain daily log (written) of activities on the jobsite.
* Perform Superintendent duties at multiple job sites, simultaneously.
* Ensure subcontractor has corrected all deficiencies identified by project team.
* Walk all units on project daily to monitor activities and assist in future planning.
* Preside over weekly subcontractor meetings designed to coordinate the work.
* Issue notices of non-compliance to subcontractors regarding quality of work or scheduling.
* Ensure that the job site is always kept in a clean and organized manner.
* Perform job progress and completion punch list identification and completion.

**Project Estimator,** Ohmshiv Construction LLC, Lawrenceville, GA 30043 *Fab 2018-April 2018*

* Worked within a team of professionals in Project Estimation which is estimate incoming projects of company.
* Work in specification of GDOT and AASTHO
* Evaluated the quantity and quality of materials for focused project
* Assign sub-contractors for assigned project with detailed work.
* Make a time schedule for stage of project.
* Identifying and assessing what the [client](https://www.designingbuildings.co.uk/wiki/Client) requires.
* Researching the [costs](https://www.designingbuildings.co.uk/wiki/Cost) of [materials](https://www.designingbuildings.co.uk/wiki/Materials), [equipment](https://www.designingbuildings.co.uk/wiki/Equipment) and labor
* Collecting quotes from [sub-contractors](https://www.designingbuildings.co.uk/wiki/Sub-contractors) and [suppliers](https://www.designingbuildings.co.uk/wiki/Supplier) and identifying the best one.
* Assessing [risks](https://www.designingbuildings.co.uk/wiki/Risk) on a [project](https://www.designingbuildings.co.uk/wiki/Project) and allowing for these in the [estimate](https://www.designingbuildings.co.uk/wiki/Estimate).
* Using software to analyze company [data](https://www.designingbuildings.co.uk/wiki/Data), [inflation](https://www.designingbuildings.co.uk/wiki/Inflation), exchange [rates](https://www.designingbuildings.co.uk/wiki/Rates) and [prices](https://www.designingbuildings.co.uk/wiki/Price).
* Considering projected timescales and unforeseen events that may occur.
* Preparing and submitting quotations for work.
* Monitoring [costs](https://www.designingbuildings.co.uk/wiki/Cost) on [projects](https://www.designingbuildings.co.uk/wiki/Project) as they proceed.

**Physics Tutor**, TASC, Cleveland State university, Ohio 44114. *May 2018 – Dec 2018*

* Teach students and help them for the severe problem regarding to the syllabus of physics as well as help regarding to make notes and advice students for the exam preparation.

**Physics SI Leader,** TASC, Cleveland State university, Ohio 44114. *May 2018 – Dec 2018*

* Guide Students for the exam and difficulties regarding to physics and try to help them with a concept of subject

**PROJECTS**

**Dogwood Road at Hollybrook Road(Gwinnett County Project No.- F-1257-01)**

* The Project is Provided by Gwinnett County which costs around 3 million USD and Performing by Ohmshiv Construction LLC. Project has been started from February 2019 and Completing in July 2019. As Scope Provided by Owner of Project consider a site development with replacement of curb & gutter, Sidewalk Installation, storm water drainage and crossings as well as roundabout Installation as per GDOT provided standard.
* As a Project Superintendent, I am performing Primary Job duties including coordinate with locals, Utility coordinates, Consultants, Inspectors, Subcontractors, Contractors as well as assigned Project coordinators and Engineers by County. Moreover, change orders, Approximate estimation for Change order, Provide Quality Material and Man-Power as per requirement on Location, Inspection as per GDOT specifications, Maintaining quality, Write daily logs and material track as per Bid schedule, scheduling, planning and solve critical situations including traffic control and Utility damages reporting and recovering Under job duties.

**Road construction using plastic technology against bitumen**

* Waste plastic coated aggregate is replaced on place of simple coarse aggregate and creates Beneficial effects after using plastic waste in road construction.
* Comparison between regular aggregate road and waste plastic coated aggregate road construction.

**CONSISTENCY LIMIT OF SOIL**

* Soil experiments for liquid limit, plastic limit, and plasticity index which helps to conclude load sustainability of structure.

**BAMBOO-THE BEST CONSTRUCTION MATERIAL (ISBN- 978-81-929173-0-6)**

* Concrete is non-biodegradable material, so bamboo can be optional material for lots of supportive structure which can reduce cost; time and harm-ness to the environment.

**HONORS**

* CMAA- CMIT Certificate training successfully Completed
* ‘B’ grading Cadet certified by NCC, INDIA.
* Group leader and 2nd Runner up in Make your Way, L.D. Engineering tech-fest
* Group leader and Winner in Quizzania, VGEC tech-fest
* Industrial Exposure- Adani Port-Mundra; Sardar Sarovar dam; GERI (Gujarat Engineering Research Institute)-Gandhinagar; Water Treatment plant (Kotarpur, Ahmedabad); Waste water Treatment Plant (Baherampura, Ahmedabad)