

# YASHWWANTH KRISHNA GUNASEKARAN

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## Summary

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Ambitious and smart thinking Civil(Environmental) Engineer and has knowledge on Project management and Energy. Possesses strong interpersonal skills and capacity to handle situations and problems with the help of previously gained education and experience working with employees. And wants to learn and grow by gaining experience.

## Personal Information

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- Date of Birth : 30th of September, 1995
- Present Address : #1602, 1160 Rue Saint-Mathieu, Montreal, QC, H3H 2P4.
- Interest : Solving Logical puzzles, Travelling, Driving and Cooking.
- Blood Group : B+ve
- Languages Known : English and Tamil

## Education and Training

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**Master of Engineering (Pursuing): CIVIL ENGINEERING ( ENVIRONMENTAL)** **2019**  
Concordia University Montreal, QC, Canada  
3.75 CGPA

**Bachelor of Technology: CIVIL ENGINEERING** **2017**  
SRM UNIVERSITY CHENNAI, TAMILNADU, INDIA  
9.432 CGPA

**HSS** **2013**  
AMALA MATRICULATION HIGHER SECONDARY SCHOOL ERODE, TAMILNADU, INDIA  
93.4 %

## Experience

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TRAINING ENGINEER:

- PUBLIC WORKS DEPARTMENT OF TAMILNADU - Maintenance of Water Treatment Plant in Erode, India.
- HIGHWAY DEPARTMENT OF TAMILNADU, INDIA - Construction of Road Over Bridge, Coimbatore, India.
- LOGU CONSTRUCTIONS - Construction of Residential Villas, Gobichettipalayam, India.

## Key Skills

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- Environmental Impact Assessment
- Waste Management and Treatment
- Project Management
- Renewable Energy Analysis
- Labor Relation
- Indoor Air Quality

## Software Skills

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- Microsoft Office
- AutoCAD
- 2D Revit Architecture
- STAAD.Pro
- Modal Maker Pro
- IQ-Quest
- Microsoft Project
- System Advisor Modal

## Certifications

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### Certification Courses

- Environmental Management and Ethics - Offered by Technical University of Denmark through Coursera
- Oil and Gas Industry Operations and Markets - Offered by Duke University through Coursera
- Health and Safety Auditor Course. OHSAS 18001 - Udemy
- Occupational Health and Safety Training Online - Udemy

### International Certification

- Presented a paper on "Analysis and Design of Sump and Overhead tank and usage of Sensors in Residential Apartment at Nanganallur, Chennai" with my other two classmates in INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND TECHNOLOGY in September 2016 publication.
- Presented a paper on "Analysis of Rainfall data for Arni Station" with my other two classmates in INTERNATIONAL JOURNAL OF NEW TECHNOLOGY AND RESEARCH in October 2016 publication.

### Certification in CADD Center for the completion of

- AutoCADD
- Revit Architecture

## Course Project

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- EIA for a Wastewater Treatment Plant
- Waste to Energy Incinerator.
- Biological Treatment of Water. (Wet Digester coupled with Compost).
- Contribution of CO<sub>2</sub> from Fuel consumption for Climatic Change
- Hippo Roller technology.
- Movement of Contaminants in Water and its degradation.
- Rehabilitation of Sewer Pipes by Pipe Bursting.
- Lean Manufacturing in Construction
- Assessment of Indoor Air Quality in India and North America.
- Analysis and Design of Sump and Overhead Tank and usage of Sensors in Residential Apartments.
- Planning, analysis and design of Water Treatment Plant and Overhead Tank in Gobichettipalayam Municipality.

## Achievements

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### CO-CURRICULAR ACTIVITIES:

- 1st Place in Bridge Design and fabrication conducted by Civil Simplified.
- Science Fair : Have won first place in TECHNOFEST 2014 conducted by Department of Physics and Nanotechnology.
- NSS : Have involved in NSS and visited a camp organized SRM University for Awareness of Importance of Voting in villages.
- Secured 1st place in the Science Exhibition by exhibiting EXTRECTION OF ELECTRICITY FROM VEGETABLE WASTE in SRM University.
- Secured 1st and 2nd places in various sports tournaments (Cricket, Basketball and Badminton).