RAJARAJESWARI. G

rajigr91@gmail.com
9B Garden Woodrafe Nagar, Old Pallavaram, Chennai-600117
+9444074159 • linkedin.com/in/rajarajeswari-ganesan/

COMPUTER PROGRAMMER

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Senior Software Architect • Principal Developer • Senior Application Developer • **Full Stack Developer**
Data Center Automation • Backend Development • **Ocean Data Management** • Data Scientists
• Database Administration • Increased Productivity •Reduced Manual efforts
•Asp.net MVC5 • C# •VB.net • JAVA• Angular • Python• SQL Server
• Visual Studio •HTML • CSS

WORK EXPERIENCE   7years7months

National Institute of Ocean Technology
Computer programmer- (Full Stack Software Developer) | July 2017-Sep 2022.

- Worked at National Institute of Ocean Technology -OOS Data center (CORNEA) under Norinco Private Limited AMC Contract
- Developed many software applications to NIOT's National Data &Tsunami Buoy Programme using Asp.net MVC5, C#, VB.net, JAVA, Angular.
- Built, maintained, enhanced **Ocean Data reception monitoring software** (**ADDRESS**) that data grew daily basis and save hours of manual work.
- Involved on Development of new codes, testing, bug fixing, database management and implementation under production deployments
- Involved in the development of various automation scripts and applications for Data acquisition, Data Dissemination, Data processing, Data analysis, Data quality control, Data visualization using **Python** and Report generations to save hrs of daily repeated manual work and reduce 70% of manual work.
- Involved in development and maintance of Web-based Software applications for **Inventory Management** and Monitoring for Oceanographic scientific equipment.
- Projects handled details available @ github.com/rajigr10

National Institute of Ocean Technology
Technician (Outsourcing)| March 2015-June 2017.
- Worked as Technician at CEE group NIOT.
- Involved in PMS web app new functionality Full-Stack Development using **Asp.net, C#**, and **Sql Server2008R2** Deployment, Maintenance, and user support.
- Involved in online data Reception monitoring for 32 Met-ocean and tidal observatory sites installed along Indian coast by NIOT.

- Remote Technical support provided while Installing New observatory sites and troubleshooting the problems faced by on-site service engineer.

EDUCATION

Sri Sai Ram Polytechnic College **2007-2010**
Diploma (Information Technology) 83.17 %(First Class with Distinction).

Sri Sai Ram Engineering College. **2010-2013**
B.Tech (Information Technology). Graduated with CGPA 6.86 (First Class).

Engineering College Modules: Object Oriented Programming (Java Programming), Data Structures and Algorithms, Database Management, Computer Architecture, Operating Systems (Linux), Network Programming and Management, Computer Networks, Service Oriented Architecture, Data Warehousing and Data Mining.