Gautam RR

rrgautam93@gmail.com | +91 9444344234

EDUCATION

IIT MADRAS
B.Tech + M.Tech
Specialization in Power Systems
Graduated June 2016
Cum. GPA: 6.53/10
JEE 2010 AIR - 1036

COURSEWORK

Data Structures and Algorithms
Computer Aided Engg Lab

SKILLS

PROGRAMMING
Over 5000 Lines:
Java, Python,
JavaScript, R
Matlab, C++/C
Familiar:
HTML, CSS
SQL, Shell, CQL

LINKS

LinkedIn: Gautam RR
GitHub:rrgautam93
GitLab:Mr.Rawbit
StackOverflow: Gautam

EXPERIENCE

TAVANT TECHNOLOGIES | Senior SOFTWARE ENGINEER
January 2019 - Present | Bangalore
- Optimization and rearchitecture of an AWS based big data ingestion app and API - improvements upto 700% performance and stability gains
- Placed 1st in Client Hackathon for building a POC to generate new leads from above data

SAGGEZZA | ASSOCIATE SOFTWARE ENGINEER
April 2017 - Sep 2018 | Bangalore

- Worked at client location for a leading investment bank
- Developed and maintained an API using C++ and JNI to enable clearing and settlement information flows with an International exchange
- Developed and upgraded various Java applications to enable client connectivity and compliance as per latest market standards and regulations
- Automated and tested file transfers for client applications

SAGGEZZA | TRAINEE SOFTWARE ENGINEER
Jan 2017 - Mar 2017 | Chennai
- Worked on the back end of the CVTool application, which was to automate and assist in employee resume creation, updation and administration.
- Created a Spring server Rest API with Token based authentication

ENERGYLY | Engineer(Analytics)
Aug 2016 - Dec 2016 | Chennai
- Created a rich web application to enable client to view their power consumption data with visualizations and developed an API to provide data for client mobile application
- Back end created with R and Python, frontend in R using Shiny
- Full ownership across development, testing, staging and deployment

RESEARCH

HIGH VOLTAGE LAB | Graduate Researcher
Aug 2015 - May 2016 | Chennai
- Worked with Prof. R.Sarathi to study properties of silicone rubber after exposure to severe electric fields to diagnose and estimate its lifetime expectancy after exposure to stress

DRDO RESEARCH AND INNOVATION CENTRE | Intern
May 2013 - July 2013 | Chennai
- Designed, developed and flight tested a semi-autonomous quadrotor using PID flight controller with camera for surveilance purposes.

ACHIEVEMENTS AND AWARDS

2018   Contributor to Saggezza 0Gravity CSR Initiative
2011   1st in Contraptions Inter Hostel Manual robotics
2011   Finalist at Shaastra Manual Robotics 'ColdFusion'
2008   NTSE Scholar