

VIJAY PRASANNA GUNASEKARAN

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EXPERIENCE

Oracle | Bangalore, KA

Senior Applications Engineer | Aug 2020 - Present
Applications Engineer | July 2018 - Aug 2020

Working with Oracle Application Labs to design, implement and maintain applications and services for the Solution Engineer CX and building solutions to monitor the user activity, reporting and log analysis of the app suite using Oracle Cloud Infrastructure.

Axis Bank | Mumbai, MH

Data Analyst Intern | May 2017 - July 2017

Part of the Anti-Money Laundering and Fraud Analytics team which developed machine learning models for identification and treatment of business branches which pose high risk based on credit lines, KYC etc and to identify and treat shell companies using unsupervised algorithms, R, SAS and SQL.

NEXGtech research labs | Chennai, TN

Student Intern | May 2017 - July 2017

Summer internship related to computer networks and electronic communication under the guidance of Dr. Padmanaban Ramaswamy. Ventured into the concepts of LTE and it's implementation using OMNET++.

PROJECTS

IOT Data recovery in Smart Grids

B.Tech Thesis | Jan 2018 - May 2018

A theoretical study on IOT losses and recovery techniques using Collaborative Filtering, namely - PMF & Bayesian PMF. Then benchmarked results using Deep Learning network results as comparison, to decide which algorithm works best for the niche area of Smart Grid Applications.

MDecoder

Pragyan, NIT Trichy | Jan 2017, Jan 2018

An online time-based Math-Whiz Tournament hosted over a span of a week as part of the Pragyan Tech Fest. Developed and maintained the application for two successive years, adopting better technologies and paradigms, along with a team of three. Built with Laravel & ReactJS, and logged about 500+ online participants.

Student Mess Application

Administration, NIT Trichy | July 2017 - July 2019

Oversaw development and added incremental changes to the codebase of the official Student Mess Application of the college. Worked on several features including - Vacation Mess functionality for students, Admin console etc. Moved the project to a Docker based deployment, which allowed it to be integrated with other student apps available.

ACHIEVEMENTS

2016	9th/250	APython, Vortex
2010	Certificate of Merit	Central Board of Secondary Education
2005	Credit Certificate	University of South Wales, Australia

EDUCATION

NIT Trichy B. Tech, EEE
May 2014 - May 2018
Trichy, TN
CGPA: 7.98/10

DAV Senior Secondary School

Grad. May 2012
Chennai, TN
12th grade: 95.6 %

TECHNICAL SKILLS

Languages

JavaScript, Python, Go, C++
PHP, R

Databases

MySQL • Oracle • MongoDB

Tools & Frameworks

ReactJS, Svelte, Node, Express,
Jest, Laravel, PHPUnit, Docker
Knockout, Logstash, Elastic,,
Nginx, CircleCI, Prometheus.

COURSEWORK

Undergrad

- Basics of Programming
- Data Structures & Algorithms
- Numerical Methods
- Computer Networks
- Pattern recognition
- Artificial Neural Networks

VOLUNTEER

Student Volunteer

NSS, NIT Trichy

Head of web development

Spider R&D, NIT Trichy
Roles: *Student developer, sysad and team lead.*

Head of web operations

NIT Trichy Currents 2018,
EEE-NIT Official Symposium
Roles: *developer, team lead*

Technical Writer

Alligator.io,
Frontend & Javascript Blog
Acquired by Digital Ocean

LINKS

github.com/vijayprasanna13
alligator.io/vijay-prasanna/blog/vijayprasanna13