

# BIKUMALLA PRUDHVI RAJ

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## EDUCATION:

**B.Tech in Computer Science Engineering** | National Institute of Technology Goa | Batch of 2018  
CGPA – 8.02/10

## WORK EXPERIENCE:

**IT Consultant** | Oracle | February 2020 - Present

- Working on SQL Packages to run concurrent jobs and execute A2A data migration.
- Developed RESTful services to maintain customer life cycle.
- Developed Oracle APEX Webpages for Oracle internal business services.
- Worked on Oracle Infrastructure Cloud Integrations and connections for developing Cloud Services.

**Machine Learning Engineer** | Reliance Industries Limited | July 2018 – January 2020

- Worked on ML-based model design for solving Reading Comprehension using python QANet.
- Worked on UDIF a Big Data Project where data of any type will be transferred from on premise to cloud in a matter of minutes and then the data will be analyzed and plotted as graphs.
- Worked on a Generic model using OCR and Pytesseract to extract data from Invoices, Bills.
- Worked on Azure cloud to automate its features using python.
- Worked on Full-stack Development like creating Web-based apps similar to BookMyShow and had developed many other Web apps using JavaScript and Angular JS.

**Intern** | CSIR-NCL, Pune | May – July 2017

- Worked on Molecular Informatics and Data Mining using Java and R
- Solved the problem of Data Preprocessing for Machine Learning by filtering only the required data from PDF file to CSV file using Java and Regular Expressions
- Developed UI to display the data that was filtered from PDF's.

**Internship on Marketing Management** | IIM Lucknow | January – February 2017

- During 4 weeks of Internship, I learned how to improve presentation skills, fundamentals of Marketing Management, and applied those basic concepts to solve cases published by Harvard Public school and in the end prepared a Marketing Plan for an Android app.

## PROJECTS COMPLETED:

**Feature Selection using Binary PSO and RBFN using Novel Fitness Function** | September 2017 - April 2018

- The goal of the project was to help with the problems of Over-fitting, Compilation time, and to increase efficiency.
- A publication was received for the above work in 9th ICCNT an International Conference on Computing, Computation, and Network Technologies.

**Android App for Hospital Management** | January – May 2017

- Developed an Android App to show the nearby Hospitals and to book appointments with Doctors based on their availability. In addition, this app has option to send a message to nearby hospitals in case of Emergency so that hospitals can provide their services.

**Designed a Basic Compiler using Assembly Language** | March 2017

- Designed a Basic Compiler to run C Language Code with basic functionalities.

## ***Full Stack Web App for Library Management*** | October 2016

- Developed a Web App to show the list of Books in a library and the list of students who had taken a particular book and on which date. In addition, fines are calculated for late submissions and students will receive an automated mail before the submission dates of books

## **SKILLS:**

- Programming Languages: ***Python, MATLAB, Java, C, C++, SQL, JavaScript.***
- Tools: ***Azure DevOps, Docker, GitLab, Jenkins, Eclipse, Android Studio, SOA, ICS***
- Databases: ***MongoDB, Oracle Database, MySQL***
- Others: ***Natural Language Processing, Scikit – Learn,***
- Web Technologies: ***HTML, CSS, Angular JS.***

## **AWARDS AND ACHIEVEMENTS**

- ***Times Magazine Person of the year 2006.***
- Secured ***Top 3 places continuously*** for about 5 times (Overall College) in the event '***Mathematica***' in the subject of math's conducted by SPIE STUDENT CHAPTER.
- Secured 1st place in INGENUIZE in colleges TECHFEST.
- Secured ***1st place in MATHIONAIRE*** in colleges TECHFEST.
- Secured ***1st place in ONLINE TREASURE HUNT*** in colleges CULTURAL FEST.
- Secured ***4th place in Abacus Competition*** at District Level.
- Secured some of the ***top All India and District Level ranks*** in many of the math's-based Talent tests.

## **EXTRACURRICULAR ACTIVITIES**

- Participated in the online coding competition ***Code Gladiators – Artificial Intelligence***, which was conducted by TechGig and qualified for the semifinals.
- Played in ***INTERNIT Basketball*** for 3 years and 1 year in chess and captained the basketball team in different tournaments for 2 years.
- Served at NIT Goa as an ***event organizer for cultural festivals – Raag***, 2017 and technical festivals – Technival, 2016.
- Part of the ***Sports community of Reliance***, where we organize sports and have taken part in various basketball and chess tournaments.
- Participated in ***Google Hash Code competition*** and secured one of the top ranks in the entire world.
- ***Executive Member*** of Guntur Toastmasters Club.

## **CERTIFICATES**

- Certified ***Safe 5 Practitioner*** by Scale Agile – July, 2020.
- ***NLP with Python for Machine Learning*** Essential Training by Lynda – March 2019.
- ***Hadoop for Data Analysis*** by Lynda – June 2018.
- ***Machine Learning and AI Foundations: Decision Trees*** by Lynda – October 2019
- ***Oracle Database 12c : Advanced SQL*** by LinkedIn Learning – May 2020.
- ***Core Java Programming*** by Naresh IT, Hyderabad – May, 2016.

## **COMMUNITY SERVICE/ SOCIAL WORK**

- As a member of "***Make a Change***" Team at NIT Goa, went to various public schools and taught science and modern technology to cultivate awareness and skills among students, 2017.
- Active member of ***Oracle Volunteer Group*** where we taught Mathematics and English for Children from Rural Areas during this pandemic.
- Volunteered to help a campaign called "***Cauvery Calling***", 2019 to plant trees for the revitalization of the ***River Cauvery***.