

ROHIT GOPAKUMAR

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Objective

Seeking an opportunity in a competitive environment in managing projects which focuses on Cloud Computing, Database management, Blockchain technology, and related areas. Special interests include Neural Networks and Deep Learning. Looking for challenges in a reputable organization to utilize my learnings and skills for the growth of the organization as well as to enhance my knowledge.

Education

Degree

- Course: B.Tech
- Institution & University: Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore
- Period: 2016-2020
- CGPA: 8.82/10.0 (after 6 Semesters)

Higher Secondary Education

- Stream / Subjects: Science Stream
- Institution: Bharatiya Vidya Bhavan, Girinagar, Kochi
- Period: 2014-2016
- Board: CBSE
- Marks / Grade: 421/500(84.2%)

Secondary Education

- Institution: Lok Puram Public School, Thane, Maharashtra
- Period: 2011-2014
- Board: CBSE
- Marks / Grade: 9.6/10.0

Areas of Technical Interest:

- 1: Cloud Computing
- 2: Database Management
- 3: Blockchain technology
- 4: Software Engineering
- 5: Neural Networks
- 6: Deep Learning

Project

- Topic: Cab Hiring Management System
- Duration/Period: 2018
- Objective: To develop an interactive easy to use cab hiring application
- Tools or techniques used: OracleSQL, Google Maps API, JavaScript
- Outcome: Developed a Cab Hiring Management System in the form of a web application with the help of a database having a user-friendly interface and many handy features for both customers and admin. The main objective of the application was achieved which was to provide an easy-to-use platform for the customers and to reduce technical hardships for the admin.

- Topic: Airport Management System
- Duration/Period:2018-19
- Objective: To develop a web-based application and testing using industry-level testing tools
- Tools or techniques used:
JavaScript,HTML,CSS,Bootstrap,MongoDB,Jasmine,Jenkins,Sonarqube,Selenium,Jira,Jenkins
- Outcome: Developed an Airport Management System in the form of a web-based application that provides all the features of a fully functioning airport which includes Navigation using maps and integrating flight information using NoSQL database MongoDB.The main objective of the application was to have a completely working model of an airport. The front was designed with the help of HTML and styled using CSS and Bootstrap. The project was then tested using tools SonarQube(static code analysis), Selenium(UI Testing) and Jasmine(Unit Testing) and continuous integration with the help of Jenkins. The project was monitored the whole time using the agile tracking tool Jira
- Topic: Fault Detection in CNC Machine
- Duration/Period:2018-19
- Objective: To develop a deep learning model to detect faults in the CNC Machine
- Tools or techniques used: Jupyter Notebook, Spyder
- Outcome: To develop a deep learning model to detect faults in a CNC Machine using the concept of decision-based trees. The deep learning model trains on preexisting data and predicts the possibility of having a fault in the CNC machine.

Other Technical Qualification:

- Programming languages:C , C++ ,Python
- Amazon Web Services(AWS) Certified Cloud Practitioner scoring an aggregate of 85.9%(859/1000)
- Successfully completed IBM Blockchain Foundation developers by IBM in Coursera with 100% aggregate

Achievements, Scholarships, Honours, Contribution, etc:

- Name: Audacity Google Scholarship
- Area / Topic / Details: Selected for the second round in Application development
- When & Where:2018
- Name: DHFL Hackathon
- Area / Topic / Details: Selected for the second round in DHFL Hackathon.Made use of machine learning and deep learning to solve financial problems.
- When & Where:2018
- Name: Smart India Hackathon (Software Edition)
- Area / Topic / Details: Participated and represented the college
- When & Where:2018

- Extra Curricular Activities:
- Played in Zonals of under 17 Tennis tournament in Thane district conducted by Thane Gymkhana in the year 2013
- Represented school of Lok Puram Public School in many inter-school tennis tournaments
- Member of the school cricket team in Bharatiya Vidya Bhavan and played in various Inter School tournaments in the years of 2014-16
- Secured first prize with an aggregate of 90.1% in Conversation Skills held by Trinity College, London
- Secured first prize in Inter School extempore competition in the year of 2013
- An active participant in MUN (Model United Nations Club) and Srishti (Literary) Club in Amrita College

Personal details

- Date of Birth: 04 April 1998
- Language in order of proficiency: 1.English 2.Hindi 3.Malayalam
- Hobbies / Interests:
 - Reading books
 - Playing cricket and tennis
- Contact Address: Sarangi, MRA No 23, Edappala Road, Perunna East, Changanacherry, Kottayam 686102

Place: Coimbatore
Date: 29 November 2018

Signature: 
(Name: Rohit Gopakumar)