

Subhasree Vadukoot

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EDUCATION

GRIFFITH COLLEGE

MSC IN BIG DATA MANAGEMENT
AND ANALYTICS

Sep 2020 | Dublin

1:1 First Class Honours

CHRIST UNIVERSITY

BSC IN COMPUTER SCIENCE,
MATHEMATICS AND ELECTRONICS

May 2019 | Bangalore

GPA: 9.85 / 10.0

PROFILE

Github:// [subhasreevadukoot](#)

LinkedIn:// [subhasree-vadukoot](#)

COURSEWORK

GRADUATE

Cloud Computing

Concurrent and Parallel Programming

Information Retrieval and Web Search

Research Methods

Applied Data Analytics

Big Data Analytics

UNDERGRADUATE

Data Structures and Algorithms

Operating Systems

Software Engineering

Computer Architecture

Computer Networks

Object Oriented Programming

Verilog and FPGA based design

Linear Algebra

Embedded Systems

Web Development

SKILLS

Java • Angular

Data Structures • Algorithms

Object Oriented Design

REST • HTML • Spring

Git • GitHub • Jenkins

Python • SQL • R

Google App Engine

Agile • Scrum • Jira

Microservices • Design Patterns

CERTIFICATIONS

- IBM Data Science Specialization

EXPERIENCE

DELL TECHNOLOGIES | SOFTWARE ENGINEER II

Jan 2022 - Present | Dublin

- Building microservices based applications used by support agents for real-time troubleshooting, failure detection and analysis of various Dell Assets such as Powestores and Poweredges.
- Working with Kotlin and Angular (full-stack) as part of a team that follows TDD and Devops culture.
- Added new utility features and deployed Spring Boot microservices on Pivotal Cloud Foundry using Jenkins, Docker on the CI/CD pipeline.
- Technologies Used : Micro-services, Kotlin, Angular, Spring Boot, Docker, Web Services, RESTful APIs, JUnit5, Jest, Jasmine, Gitlab

BANK OF AMERICA | TECHNOLOGY ANALYST

Aug 2020 - Present | Dublin

- Worked on the development of a web application built using Java, AngularJS and Oracle for critical regulatory reporting purposes, in a Scrum development team with biweekly sprints.
- Developed and deployed crucial scripts to enable users to check whether SLA times are met for critical jobs.
- Automated job runs which significantly reduced the manual job runs and saved time.
- Acted as a buddy to the Interns in the team by providing Knowledge Transfer and overall support.

PROJECTS

CLIMATE CONVERSATIONS AND VISUALIZATIONS | LINK

- Developed a complete web application providing a platform for climate data related dynamic dashboards, provides the users the ability to analyse the effects of climate crisis by sentiment analysis and data visualization using Python and Tweepy API by entering words related to climate change.
- Built Machine Learning Models using SVM, Logistic Regression and Naïve Bayes. Improved performance by utilizing Bagging and Boosting Models and achieved 76% accuracy.
- Received appreciation for the unique idea and the blended implementation of climate data analytics and web development.
- Technologies : Python, Django, Tableau, MongoDB, CanvasJS

POSTIT | SOCIAL MEDIA CLONE | LINK

- Developed a Platform as a Service application that serves as a simple version of social media network for multiple users. and utilizes efficient data structures to improve performance.
- Leveraged Google App Engine's Blobstore which allows the storage of binary large objects like images and Datastore for other information.
- Technologies : Python, Django, Google App Engine

AWARDS

2020	Best Academic Achievement	Griffith College
2019	1 st Rank	Christ University, Bangalore