Amogh B. Karankal

Computer Engineering Graduate

A recent Computer Engineering graduate and an AWS Certified Developer - Associate. I am looking for a suitable job opportunity while contributing and learning in a fun and challenging environment.

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🗒 amogh-karankal-resume.s3.us-west-1.amazonaws.com/index.html

github.com/Amogh-Karankal

ABOUT ME

Age
22

Nationality
United States of America

Passport No.
566070396

EDUCATION

B.Tech (Computer Engineering)- 2018 to 2022
VJTI, University of Mumbai
Mumbai, India
Courses Completed
- Cloud Computing
- Database Management System
- Open Source Computing/Programming Lab
- Cyber Security
- Big Data Analytics
- Machine Learning
- Blockchain Technology
- Computer Networks
- Human Computer Interaction

CLASS 12 (CBSE)
D.A.V Public School
03/2017 - 03/2018   *Pune, India*

CLASS 10 (CBSE)
D.A.V Public School
03/2015 - 03/2016   *Pune, India*

LANGUAGES

English
Professional Working Proficiency

Hindi
Professional Working Proficiency

SKILLS

Python   HTML/CSS/JavaScript   MySQL   AWS

Azure   Bootstrap   C++   PHP   ReactJS

Power BI

PROJECT EXPERIENCE

Secure Communication System (07/2021 - 05/2022)
- These messages are encrypted using the AES-256 encryption algorithm and the key exchange is done using Deffie Helman algorithm. The frontend is designed using AngularJS, HTML5, CSS. Web cryptography API is called for using the algorithms. The application is deployed using Ionic.

Rental Car Management System (04/2022 - 05/2022)
- The frontend is designed using HTML5, CSS, Bootstrap. The database management is done using MySQL and connection is established using PHP. The website contains different options like user login, registration, Admin login, book a car, add a car, add a driver, return the car.

Red Wine Quality Prediction (04/2022 - 05/2022)
- The purpose of the project is to predict the quality of red wine on a scale of 0–10 when given a set of features as inputs. The "Wine Quality Data" dataset from UCI Machine Learning Repository is used to achieve this purpose. The higher the value the better the quality. For this purpose, we have applied 2 machine learning algorithms, Random Forest Classifier and Stochastic Gradient Descent.

Blockchain based game of Rock, Paper and Scissors (09/2021 - 01/2022)
- Ethereum is used as a currency for transaction between the users and smart contracts. Solidity is used for implementing the smart contracts. The IDE used for writing and debugging the solidity code is Remix IDE. MetaMask is the software cryptocurrency wallet used to interact with the Ethereum blockchain.

CERTIFICATES

AWS Certified Developer - Associate (11/2022 - 11/2025)
https://www.credly.com/badges/3c2af6c5-0046-452d-a292-e6a804cee480/linked_in_profile

Microsoft Certified: Azure Fundamentals (07/2022 - Present)
https://www.credly.com/badges/c417f5e2-501b-4575-8283-56a129cf43d5?source=linked_in_profile

AWS Cloud Practitioner Essentials (04/2021 - Present)
https://www.aws.training/Transcript/CompletionCertificateHtml?transcriptid=Z72irvxrL0aoHzzxrDYeSg2

Power BI for Beginners (02/2023 - Present)
https://simpli-web.app.link/e/MuMVTiW23wb