Karaneeshwaran

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Education

Karpagam College of Engineering **Sep. 2020 – May 2024**
Bachelor of Engineering in Computer Science(9.3-CGPA) *Coimbatore*

Certification

- Data Structures
- Cyber Security
- Digital marketing
- Database Management
- Java Programming
- Internet Technology
- Data science
- Computer Architecture

Experience

GHT Company **May 2022 – August 2022**
Software Engineer Intern *Coimbatore*
- Developed a service to automatically run unit tests every day on an in-progress product, helping the team quickly find and fix bugs.
- Used Python and PowerShell scripts to organize XML test results and load the latest code onto the hardware for daily testing.
- Set up Jenkins for continuous integration to automate the entire process—loading the latest code, running tests, and generating a daily report.
- Explored ways to present and share daily test results with the team using HTML, JavaScript, and CSS.

KN Tech **May 2023 – August 2023**
Front End Developer Intern *Coimbatore*
- Helped develop the front end of a mobile app for both iOS and Android using Dart and the Flutter framework.
- Used Google Firebase to manage user data across web and mobile platforms.
- Worked with team members using Git for version control to keep track of changes and assign tasks.
- Used Android Studio to test and preview the app on both iOS and Android devices.

Projects

Gym Reservation Bot / *Python, Selenium* **January 2023**
- Created an automatic bot with Python and Google Cloud to book a gym timeslot at my school.
- Used Selenium to control a Chrome browser and click the right buttons on the website.
- Set up a Linux virtual machine on Google Cloud to run the bot every day.

Ticket Price Calculator App / *Java, Android Studio* **March 2023**
- Made an Android app with Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user input on the back end to find the total price based on the chosen tickets.
- Used the layout editor to create a user interface so different screens could work together.

Transaction Management GUI / *Java, Eclipse, JavaFX* **July 2023**
- Created a sample banking transaction system with Java to mimic common bank account functions.
- Used JavaFX to build a user interface that allows actions like creating an account, depositing, withdrawing, and listing all accounts.
- Applied object-oriented programming principles, like inheritance, to create different types of accounts and manage data.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio
Technologies/Frameworks: GitHub, JUnit

Leadership / Extracurricular

- **Won Third Prize** (college) in coding contest organized by **CODECHEF**.
- Solved **800+** problems in **SKILLRACK** and **200+** problems in **CODECHEF**.
- Solved **450+** problems and posted solutions in **LEETCODE**.
- Attended **15+** weekly contests in **CODECHEF**.
- Attended 20**+** weekly coding challenges in KCE.