Barathan K

Contact

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Education

B.E Computer Science Engineering
Panimalar Engineering College
CGPA : 9.28   2020 - 2024

HSC Second Year
Sethu Bhaskara Matric Hr Sec School
Percentage : 90.8%   2019 - 2020

SSLC
Sethu Bhaskara Matric Hr Sec School
Percentage : 96.8%   2017 - 2018

Skills

- Programming Languages: Java, Dart, C, Python
- Frameworks: Flutter, SpringBoot
- Web Technologies: HTML & CSS
- Database: SQL, Firebase
- Version Control: Git, Github
- Tools : Unreal Engine, Unity
- Cloud : Azure, AWS

Achievements

- **Best Paper Award in 7th International Conference on Intelligent Computing**
- **Finalist on PLI Blockathon 2022**
- **First Prize on Inter college GameDev Hackathon**

Language

- English
- Tamil

Interests

- Machine learning
- AI Applications
- Industry Trends
- Cricket and Football
- Blockchain
- Video Games

About

An enthusiastic individual with a good foundation in data structures, algorithms, and problem-solving, I am eager to apply my technical skills to real-world projects while continuously learning and growing as an engineer. I excel at quickly learning new things and am always ready to stay updated on the latest industry trends.

Work Experience

Incubation Trainee   May 2024 - Aug 2024
Zoho | Chennai

Developed in-depth knowledge of Java, including OOP concepts, I/O operations, multithreading, algorithms and data structures and developed numerous console applications. Additionally, I gained proficiency in SQL by solving many complex queries, and broadened my understanding of database management and operating systems.

Unreal Intern   Aug 2022 - April 2023
A Plus Associates | Tiruvannamalai

Worked on the comprehensive development of game mechanics, class specification, intricate level transition design and state management. Additionally, contributed significantly to the UI/UX design of the mobile game. Improved my knowledge and experience in modular design and development.

Courses & Certifications

- Flutter Development Bootcamp - Udemy
- Responsive Web Design - FreeCodeCamp
- Javascript Algorithms and Data Structures - FreeCodeCamp
- IBM Artificial Intelligence Fundamentals -IBM
- Getting started with DevOps - Simplilearn
- Azure Fundamentals - Microsoft
- AWS Academy Introduction to Cloud Semester 1 - AWS
- Data Analytics using SQL and Python - CodeChef

Projects

Transformative Tour Planning with Dynamic Route Optimization

- Developed a mobile app to automate tour planning process.
- Collaborated on refining route optimization and multi-point route mapping functionalities.
- Improved the application's state management and network connectivity features.
- **Technology Stack :** Flutter, Dart, Firebase, Gmaps API, Python

Bench - A Gamification House

- Created an engaging and immersive gameplay experience.
- Implemented character controls, resource management, and lightning entirely through blueprints.
- Designed game launcher with godot engine.
- **Technology Stack:** Unreal Engine, C++.