Krishnakumar K

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OBJECTIVE

An opportunity to work in a challenging environment that will allow me to utilize my coding and problem solving skills and to further develop my abilities in the field of computer science.

EDUCATION

SSN College of Engineering   Kalavakkam
Bachelor of Engineering in Computer Science   *Aug. 2018 – 2022*
Current CGPA: 9.14 (V Sem)

DAV Boys Sr.Sec.School   Gopalapuram, Chennai
12th Grade   *Aug. 2016 – Mar. 2018*
94.8%

Kendriya Vidyalaya No.1   Kalpakkam
10th Grade   *Mar 2016*
10.0

ACHIEVEMENTS

Won a categorical award in Tartan Hacks conducted by CMU.   2021
Developed a full stack web application that provides a platform to buy and sell terrace farming products.   *Source Link*

PROJECTS

UrCV | *React, NodeJS, Express, MongoDB*   2020
Source code Link

- Developed a full-stack web application with NodeJS serving a REST API with React as the frontend
- This web application lets user to create a single page portfolio website. Users can also create multiple portfolios.
- Provides readymade editable and customizable templates.
- Implement Github OAuth to get user's repository details and to deploy the created site to user's github pages.
- Implemented a custom simple WYSIWYG editor.

BPO | *Java, WindowBuilder, MySQL, Eclipse*   2021
Source code Link

- Developed a Desktop application with Java as backend, WindowBuilder for creating the frontend and MySQL database.
- It is a business process outsourcing application that lets user register for a set of services like data entry, finance management and e-communcation.
- Implemented the backend design and database CRUD operations. Implemented part of the frontend design and integrated it with the backend.

Path finding visualizer | *Python, Tkinter*   2020
Source code Link

- This project aims to visualize the shortest path between two points using A* search algorithm.
- Implemented the GUI using Tkinter library and A* algorithm using Python.
- A restricted set of coordinates can be added through which the path cannot pass.

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, Java, SQL (MySQL), HTML/CSS
Frameworks: React, Node.js, Express, Mongoose
Developer Tools: Git, VS Code , Eclipse

RELEVANT COURSES

Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Object Oriented Programming in Java , Programming in Python.