Spandana R S

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Education

DAYANANDA SAGAR COLLEGE OF ENGINEERING **2020 – 2024**
B.E Computer Science *Bengaluru, Karnataka*

Technical Skills

Languages: C,C++,HTML, CSS , Javascript ,SQL,Python
Backend : Express.js, Node.js , APIs
Databases : MySQL,MongoDB
Frameworks/Libraries : Tailwind CSS , React JS
Tools: Git/GitHub VS Code, ,Postman

Experience

Carrier **July 2024 – Present**
Associate Software Engineer *Bengaluru, Karnataka*

- Migrated alerts and dashboards from AWS CloudWatch to New Relic, achieving significant cost savings for the company.Implemented logging changes to integrate with New Relic, enhancing monitoring and observability
- Gained hands-on experience with various AWS tools to efficiently collect, store, and preprocess IoT device data, enabling streamlined data processing workflows.
- Worked in an Agile environment, actively participating in sprint planning, daily stand-ups, and retrospectives, ensuring iterative development, timely delivery, and continuous improvement..

Kyndryl **April 2024 – July 2024**
Technical Project Intern *Bengaluru, Karnataka*

- Designed and maintained custom SQL queries, stored procedures, and performance-tuned databases, enabling real-time insights and interactive dashboards.
- Supported project workflows by preparing technical documentation, progress reports, and ensuring project deliverables aligned with development timelines.
- Used analytic tools such as Aternity and Jamf to monitor and manage devices and resolve issues.

Chevin Lifestyle **Jan 2024 – April 2024**
Website Developer *Bengaluru, Karnataka*

- Experience in developing and maintaining web applications using MERN Stack .
- Proficient in frontend technologies such as HTML, CSS, Tailwind CSS and JavaScript . React.js for building user interfaces and state management
- Strong knowledge of database design, implementation, and optimization using MongoDB . Experience in designing and developing RESTful APIs using Node.js and Express.js

Projects

Food Studio | *Github Link*

- Developed a centralized platform using React JS and Tailwind CSS to consolidate restaurants in the city, showcasing comprehensive menu details.
- Integrated Swiggy's public server API to fetch real-time data for any city, and improved website loading speed by implementing Lazy Loading for web pages. Utilized hooks for various component tasks and built custom hooks to standardize operations.Implemented react-router-dom for seamless routing

Keylogger implementation | *Github Link*

- This project helps to record and track activities on a keyboard with the help of Python and send the file to the owner. To construct basic graphical user interface we have used tkinter module .
- Used pynput library of Python which allows you to control and monitor input devices .the package pynput.keyboard contains classes for monitoring the keyboard. The captured keystrokes will be saved in a text file and this file is sent to the admin email using smtplib module

Online Post Office Management System | *Github Link*

- system developed for online post office services, where the data is stored digitally reducing paperwork. It has deposit,bill payment,money order, consignments and stamps order modules.
- Implemented using HTML,CSS,Javascript for frontend and PHP as backend scripting . PhpMyadmin is used to handle the administration of MySQL database

Courses and Certifications

Service Now Certified Developer

- Issued by: Service Now
  Skills: Development environment setup, Scripting, Sprints, Logging, Software Development models

Pragmatic Approach to Cyber Security

- Issued by: CDAC - Centre for Development and Advance Computing
  skills: OSI layers, Protocols, TCP, UDP, Cisco Packet Tracer