Daniel
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Contact Me

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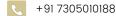✉️ danieldavidraj23@gmail.com

📍 6/25, jayamaruthi nagar, ganapathy, coimbatore - 641006

🎂 23rd February 2001

🌐 English, Tamil

About Me

I am currently pursuing my 3rd year of 5-year Integrated M.Sc. Software Systems at Department of Applied Mathematics and Computational Sciences at PSG College of Technology, Coimbatore.

Education

M.Sc. Software Systems
PSG College of Technology
2019 - 2024
8.28 CGPA

XII (Higher Secondary, SSLC)
Stanes A.I. Higher Secondary School
2019
83.00%

X (SSLC, State board)
Stanes A.I. Higher Secondary School
2017
98.00%

Skills

Languages — C, C++, Python, Java, JavaScript, TypeScript, PHP

Platform — Windows, Ubuntu

Tools — Docker, Git, Postman, AWS, Talend, Wireshark

Frontend — Angular, ReactJs

Backend — MySQL, PostgreSQL, MongoDB, Django, Redis, Node.js, Express.js

Areas of Interest

- Full Stack Development
- Database Management
- Data Structures
- Object Oriented Programming

Non Academic Projects

One-to-One Chat Application
One to One web-based chat application with user authentication and session management to send, receive and view messages. Django/Python used for backend support and HTML, CSS, JavaScript, jQuery for front-end with MySQL acts as the database. Chats are end-to-end encrypted.

Industry Based Project Experience

June 2021 - November 2021
Full Stack Developer - Samkit Capital

Developed a dynamic stock marketing-based website for trading. Technologies used are Angular and Django for development, PostgreSQL as database, Redis for caching and Docker for containerization.

Dec 2020 - Aug 2021
Full Stack Developer - VR AR MR
Designed and built interactive and dynamic websites for the company and its products, including an optimized dashboard with user analytics and hosted the websites using AWS. Technologies used are ReactJs and Php with MySQL as database and enforced SMTP.

Aug 2020 - Dec 2020
Full Stack Developer - TINO IQ
Designed and built a user-friendly website based on stock marketing for financial advisors and developed a report generator to generate reports on stocks. Built a daily news page and conceptualized SMTP using SendGrid.

Academic Projects

Intranet Mailing System
Intranet mailing system enables its users to have private chatting without using the internet connection. Users can drop messages to other employee's inbox by which they can check at their working hour. Technologies used are Java Servlets with PostgreSQL as database and HTML, CSS, JavaScript, jQuery for front-end.

Timetable Generator
Generates timetables for each class provided in the csv file without allocating the same slot on the same day using Graph Coloring Algorithm. Used Django/Python for back-end and HTML, CSS, JavaScript, jQuery for front-end.

Cab Company Software
A cab company software used to track and monitor cab bookings developed using C++. Customers can book a destination and the software will find the nearest cab to them and find the shortest route using Dijkstra's algorithm and generate a map with c graphics highlighting the path.

Extra-Curricular Activities

- Active volunteer at the PSG Entrepreneur's club and have participated in several club activities and competitions in college.
- Participated and won district-level competitions in sprinting and jumping events.