

Stalin Prevan Crasta

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EDUCATION

- **St. Joseph Engineering College** Mangaluru, India
Bachelor of Engineering - Computer Science and Engineering; GPA: 9.43 *December 2022 - June 2026*
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, CyberSecurity, Databases
- **St. Aloysius PU College** Mangaluru, India
Science stream; percentage: 96.67 *July 2020 - July 2022*
Courses: Physics, Chemistry, Maths, Biology
- **Rosario High School** Mangaluru, India
SSLC; percentage: 94.08 *May 2017 - June 2020*
Courses: Maths, General Science, Social Science

SKILLS SUMMARY

- **Languages:** Python, C, Java, JavaScript, SQL
- **Web Technologies:** HTML, CSS, Bootstrap, AJAX, jQuery, Flask, Django
- **Database Technologies:** MySQL, SQLite, MongoDB, PyMongo
- **Tools:** Git, Selenium
- **Platforms:** Linux, Windows, Web
- **Skills:** Programming, Web Development, Leadership, Communication, Team Work, Time Management

PROJECTS

- **DConnect – Carpooling Website (Hackathon Project):**
 - **Languages used:** Utilized HTML, CSS, JavaScript and Python to develop the carpooling website
 - **Web Application::** Designed and developed a web application with Flask, featuring user profiles, ride requests, and scheduling management.
 - **API Integration::** Integrated Google Maps API for location services and route planning, Weather API for real-time weather updates, and Razorpay API for secure payment processing.
 - **Database Connectivity::** Used PyMongo to connect and interact with MongoDB, managing user data and ride information efficiently.
 - **Review System::** Implemented a review system allowing users to rate and provide feedback on their carpooling experience, enhancing trust and service quality.
- **College Department Database (Collaborative Mini-Project):**
 - **Technologies Used::** Utilized HTML, CSS, and Django for building the web interface and backend of the database system.
 - **Database Management::** Used SQLite3 for managing teacher and student records, ensuring efficient data organization and retrieval.
 - **Security Measures::** Implemented security features including CSRF tokens to protect against cross-site request forgery attacks, and other measures to ensure secure access control and data protection.
 - **Collaboration::** Worked collaboratively with a teammate to design, develop, and implement the project, demonstrating teamwork and project management skills.

CERTIFICATIONS

- Foundations of Cybersecurity - Google - May 5, 2024
- IoT Devices - University of Illinois Urbana-Champaign - March 22, 2023
- Introduction to Cloud Computing - IBM - December 11, 2023
- Bash Scripting and Shell Programming - Infosys - February 26, 2024

SOCIAL ACTIVITIES

- **Secretary:** ICYM Ranipura Unit, India (2024-2025)
 - **Administrative Support:** Managed daily administrative tasks with professionalism, including scheduling, correspondence, and file organization and also assisted in organizing events.
 - **Meeting Coordination and Record Maintenance:** Coordinated meetings, prepared reports, and maintained accurate records, contributing to efficient workflow and communication.
- **NCC:** Naval Unit, India (2017-2020)
 - **Community Service and Social Welfare:** Organized and participated in community service initiatives, contributing to local development and social welfare projects.
 - **NCC Camp Participation and Skill Development:** Attended a 10-day NCC camp, developing leadership skills, discipline, and teamwork through training and activities..