

HARI KRISHNA R P

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OBJECTIVE

Passionate and detail-oriented software developer with a strong foundation in programming and problem-solving. Seeking to leverage my skills in Java, Python, and web technologies to contribute to innovative projects and drive impactful solutions in a dynamic development team.

EDUCATION

Karpagam College of Engineering, Coimbatore.

Bachelor's degree (Electronics and Communication Engineering)

2020 - 2024.

8.3 CGPA

PROJECTS

Bus Reservation System (Java)

Developed a bus reservation system with CRUD operations for managing bookings, utilizing Java 8, JDBC, and MySQL 8.0. Ensured efficient data handling and validation with a user-friendly console interface. Employed Eclipse IDE for development and MySQL Workbench for database management.

Technologies: Java 15, JDBC , MySQL 8.0, MySQL Workbench, Git, Eclipse IDE

Weather web application

Developed an interactive weather application using HTML, CSS, and JavaScript that fetches real-time weather data from the OpenWeatherMap API. The app allows users to search for any city and displays current weather conditions, including temperature, humidity, and wind speed, with dynamic weather icons.

Technologies: HTML5, CSS3, JavaScript, OpenWeatherMap API, Visual Studio Code

ATM security system

Developed an IoT-based ATM security system to prevent theft during cash replenishment. Implemented live video monitoring, OTP verification, and fingerprint authentication to enhance security and ensure safe cash handling.

Cardiovascular disease prediction using Machine learning

Developed a cardiovascular disease detection system using a linear regression model, achieving 85% accuracy through advanced machine learning techniques. Utilized Kaggle datasets to train the model, ensuring a robust and comprehensive training process.

Technologies: Python, Kaggle, VSCode.

TECHNICAL SKILLS

- **Programming Languages:** C, Java(Core Java) , Python, JavaScript
- **Web Technologies:** HTML5, CSS3, Bootstrap, React
- **Frameworks:** Spring Boot(Basics)
- **Database:** MySQL
- **Development Tools:** Eclipse, VS code
- **Source Control:** Git
- **Operating System:** Windows

ACHIEVEMENTS

- **Achieved Elite Certification in Java:** Completed an elite certification in Java through the NPTEL program, demonstrating advanced knowledge and skills in the language.
- **Solving 150+ Programming Problems:** Successfully solved over 150 programming challenges on various online coding platforms, including LeetCode, SkillRack, and CodeChef, showcasing strong problem-solving abilities and technical expertise.
- **High Academic Performance:** Scored 91% in Computer Science in the Higher Secondary Exam, reflecting a high level of understanding and proficiency in computer science concepts and applications.

INTERNSHIP

Dotworld Technologies , Coimbatore (May 2024 - July 2024)

Role: Embedded Software Developer

As an intern, I developed software for educational bots using the Arduino IDE writing and debugging code to control bot functionalities. I also designed algorithms to enhance performance, collaborated with a team on an air quality monitor system and ROS 2 team, integrated new features, conducted tests for reliability, and documented code

CERTIFICATIONS

- 'Programming in JAVA (ELITE)' – NPTEL
- 'Java SE 8 Features ' -Infosys Springboard
- 'Developing Soft Skills and Personality (ELITE)'- NPTEL
- 'Web Development Bootcamp'-Udemy
- 'SQL (Basics)'-SkillRack
- 'C Programming Course'-SkillRack
- 'Python (Basics)'-HackerRank
- 'Student Learning Assessment'-AICTE

LANGUAGES

Tamil(R,W,S), English(R,W,S), Kannada(S)

INTERESTS

Chess, Photography, Playing Guitar