

Hari Kumar P

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in Hari Kumar P 🌐 HariKumarP

Summary

Software engineer seeking a challenging role in a growth-focused organization to leverage my expertise in programming, algorithm development, AWS, and full-stack development. Skilled in problem-solving and proficient in both front-end and back-end technologies, with a passion for delivering efficient and innovative solutions that drive organizational success

Skills

Expertise: Java, Python, C++, HTML, React, Springboot, NodeJS

Areas of Interest: Artificial Intelligence, Data Science, Data Visualization, Big Data Technology, Automation, Deep Learning

Education

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|-------------|--|-----------|
| 10th | National Model Matriculation Higher Secondary School , Coimbatore | May 2020 |
| | • Grade:: 94/10 | |
| 12th | National Model Matriculation Higher Secondary School , Coimbatore | May 2022 |
| | • Grade:75.17/10 | |
| UG | Sri Krishna College of Technology , Coimbatore | 2022-2026 |
| | • B.Tech. - Artificial Intelligence and Data Science | |
| | • CGPA (2022-current):: 6.69/10 | |

Projects

Health services management

- Developed a Spring Boot application with Spring Security for authentication and role-based access. Built features for membership management, trainer scheduling, class bookings, and payments. Integrated a dashboard for real-time analytics on member activity and revenue. Used RESTful APIs for data interaction and Thymeleaf for dynamic front-end rendering, ensuring a scalable and secure solution.

Health services management [↗](#)

Inventory management

- Developed a full-stack web application using Spring Boot (backend) and React.js (frontend), hosted on AWS Cloud. Implemented responsive UI, robust RESTful APIs, dynamic CRUD forms, and advanced search/filtering. Ensured secure data handling with AWS services like S3 for storage and RDS for databases. Integrated real-time updates and analytics dashboards to optimize inventory control and enhance operational efficiency.

Inventory management [↗](#)

Cardiovascular disease prediction

- The cardiovascular prediction model leverages machine learning algorithms to assess risk factors and predict cardiovascular diseases. It processes inputs like age, cholesterol levels, and lifestyle habits to provide personalized risk assessments. This model aids healthcare providers in early detection, enabling preventive measures and improving patient outcomes by fostering proactive health management.

CardioVascular [↗](#)

Certifications

Transform data with UiPath Process Mining

Certified in Transforming Data with UiPath Process Mining, demonstrating expertise in extracting, cleansing, and transforming data from multiple sources to uncover valuable process insights. Proficient in mapping end-to-end processes, identifying inefficiencies, and optimizing workflows through data-driven analysis. Skilled in using UiPath Process Mining tools to create interactive dashboards and visualizations, enabling actionable insights for business process improvement.

Key Courses Taken

Based on AIDS domain:

Data Warehouse and Data Mining, Quantum Computing, Cognitive Science, Data Science, Machine Learning Techniques, Neural Networks, Big Data Analytics, Recommender Systems

Computer Science Essentials:

Data Structures and Algorithm, Managing Data using RDBMS, Computer Organization and Architecture, Operating Systems, Networking and Communication, Automata Theory

Mathematics:

Applied Linear Algebra, Discrete Maths, Probability and Random Processes