ARUNKUMAR

asarunkumar214@gmail.com | Salem,India
Github/Arun | 9344242751 | Linkedin/Arun

EDUCATION

MUTHAYAMMAL ENGINEERING COLLEGE
BE in mechatronics(pursuing)
May 2025 | Namakkal,Tamilnadu
CGPA: 8.1 / 10.0
GPA: 3.9 / 4.0

ST. GEMMA MAT. HR. SEC. SCHOOL
HSC | June 2021 | Arni, Tamilnadu
Percentage: 83

APPLE MAT. HR. SEC. SCHOOL
SSLC | June 2019 | Arni, Tamilnadu
Percentage: 77

LINKS

LinkedIn:// **Arunkumar**
Github:// **Arunkumar**

COURSEWORK

GRADUATE
Open Source Software Engineering
Figma and Photoshop
version control (Git)
AWS
Agile methodologies
ROS (Robot Operating System)
Linx (Begginer)
IoT with raspberry pi programmer
Cloud Computing
EV technolygies
Machine Learning
Data Structures and Algorithms
Software Design
Artificial Intelligence using raspberry pi

SKILLS

PROGRAMMING

Java • Python • Javascript
HTML • Matlab • Flutter • Go
•React js• Mysql • Node js• OOP'S
C • FIGMA• CSS • DSA

Familiar:
• AudoCAD • MS Office

INTERNSHIP

KWITRONICS | Embodded System with IOT
Aug 2023 - 1 month| Trichy, tamilnadu

NOVITECH |Artificial Intelligence with chatbot
DEC 2023 – JAN 2024 | VIRTUAL
- Natural language processing (NLP) techniques for understanding and generating human language.
- Developing and deploying machine learning models to enhance chatbot capabilities in real-world applications.

NOVITECH | full stack development
feb 2024 – mar 2024| VIRTUAL
- Focus on creating user interfaces using HTML, CSS, and JavaScript frameworks like React.jsto enhance interactivity and user experience.
- server-side programming with technologies such as Node.js, and integrate with databases like MySQL, for data management.
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ACADAMIC PROJECTS

AUTONOMOUS ROBOT NAVIGATION SYSTEM | Researcher
Developed ROS-based system for autonomous navigation and obstacle avoidance. Implemented PID control for precise motor feedback and performance optimization.

E-COMMERCE WEBSITE DEVELOPMENT | Researcher
Led Django-based e-commerce project, delivering user-friendly interfaces and secure payment integration. Implemented backend functionalities for order management and database optimization.

ATTENDANCE SYSTEM USING SOFTWARE | Researcher
Designed and implemented an attendance tracking system using Python and Django. with RFID technology for automated attendance logging and management.

REAL-TIME DATA VISUALIZATION DASHBOARD | Researcher
Developed a data visualization dashboard using JavaScript and D3.js, providing real-time insights for monitoring industrial processes. Integrated with backend APIs to fetch and display data dynamically.

PRACTICES

GEEKSFORGEEKS

PAPER PRESENTATION

LEETCODE