

# VASANTHAKUMAR DURAIRAJ

+91 7558158578 | [vasanthakumarssp@gmail.com](mailto:vasanthakumarssp@gmail.com) | [yourwebsite.com](#)

 [vasanthakumar-durairaJ](#) |  [MRVEERAA](#) |

Salem - 636030, Tamilnadu, India.

## OBJECTIVE

Results-driven software developer and problem solver skilled in MERN stack, Python, and Java, with hands-on experience building scalable web applications, backend APIs, and data-driven solutions. Passionate about solving real-world problems and delivering high-quality, maintainable software in collaborative, innovative environments.

## EDUCATION

### • B.E - Electronics and Communication Engineering

*R.P. Sarathy Institute Of Technology.*

- CGPA: 7.589

Aug 2020 - JUL 2024

Salem, Tamilnadu

### • HSC- State Board

*St. Joseph Higher Secondary School.*

- Percentage: 63%

Jun 2019 - Apr 2020

Salem, Tamilnadu

### • SSLC- State Board

*St. Joseph Higher Secondary School.*

- Percentage: 86.6%

Jun 2017 - Apr 2018

Salem, Tamilnadu

## PROJECTS

### • HRMS Model Application (Full-Stack)

*Tools: React (Vite), Tailwind CSS, Node.js, Express, PostgreSQL*

Live



- Developed a complete **full-stack HR management system** with React (Vite) for the frontend and Node.js/Express for the backend.
- Built a modular and responsive **frontend** using React and Tailwind CSS with reusable components.
- Designed and implemented secure **REST APIs** for organization creation, employee CRUD operations, and team management.
- Integrated **PostgreSQL** to store organization details, employee records, team structures, and HR activity logs.
- Implemented **JWT-based authentication and role-based access control** for HR and employees.
- Added an **HR logs module** to track employee actions and administrative activities in real time.

### • NXT Watch

[Source Code](#)



*Tools: React, Node.js, MongoDB*

- Engineered a dynamic **frontend** with React and modular components.
- Developed **RESTful APIs** with **Node.js & Express** for video management, user data.
- Configured **JWT authentication** to secure user access and personalize content.
- Enabled **search, filters, and category-based content display** for improved user navigation.

### • Jobby App

[Source Code](#)



*Tools: React, Node.js, MongoDB*

- Architected a responsive frontend using React with dynamic routing.
- Developed backend REST APIs to manage user profiles, job postings, and applications.
- Integrated features like **job search, application tracking, and network management** to enhance user engagement.
- Established **authentication & authorization** using JWT, enabling role-based access for job seekers and employers.

## SKILLS

### • Programming Languages:

JavaScript , Python , Java

### • Web Technologies:

HTML5, Tailwind CSS, CSS3, React.js, Node.js, Express.js

### • Database Systems:

MongoDB, PostgreSQL, MySQL

### • Cloud Technologies:

AWS

### • DevOps & Version Control:

Git, GitHub

### • Specialized Area:

Full-Stack Development, Backend Development, REST API Development, Responsive Web Design

### • Other Tools & Technologies:

VS Code, Chrome DevTools, Bootstrap

### • Research Skills:

Problem-Solving, Data Analysis, Algorithm Design, Technical Documentation, Debugging, Code Optimization

## CERTIFICATIONS

---

- Frontend, UI Development, Component-based : React.Js Aug 2025
- Server-side, API Development, Backend : Node.Js May 2025
- Scripting, Automation, Backend : Python Feb 2025
- NoSQL, Data Storage, Database Management : MongoDB Nov 2024

## LEADERSHIP EXPERIENCE

---

- Team Lead – NXT Coding Club Nov 2024 - Jun 2025  
*NXT Wave*
  - Guided a team of 8 members in developing web and mobile applications.
  - Improved project delivery time by 20% through structured task management.
  - Initiated weekly coding workshops to enhance team skills and knowledge sharing.
- Event Coordinator – TechFest 2023 Mar 2023 - Jun 2023  
*R.P. Sarathy Institute Of Technology*
  - Organized and managed technical competitions with 50+ participants.
  - Streamlined registration and scheduling processes, reducing errors by 30% .
  - Led a cross-functional team to execute promotional campaigns and manage logistics efficiently.

## ACHIEVEMENTS

---

- Bug Hunter Feb 2025  
*NXT Wave*
  - Identified and resolved **critical platform issues** improving reliability.
  - Honored with Bug Hunter accolade for enhancing system reliability on NxtWave.
- 15 consecutive weekly learning goals Aug 2025  
*NXT Wave*
  - Achieved 15 consecutive weekly milestones, accumulating 118.29K points on NxtWave.
- Secured a 9.8/10 CGPA Sep 2025  
*NXT Wave*
  - Secured a 9.8/10 CGPA in the NxtWave course program.
- 2nd place in the State-Level Karate Boxing Championship Sep 2015  
*Budokai Karate Boxing Championchip*
  - Secured silver medal in State-Level Karate Boxing Championship.

## ADDITIONAL INFORMATION

---

**Languages:** Tamil (Native), English (Conversational proficiency)

**Interests:** Aeronautical Engineering, Technology Development, History, Space Science.

## DECLARATION

---

I consider myself well-versed in engineering concepts and confident in my ability to work effectively in a team. I hereby declare that all the information provided above is true to the best of my knowledge.

---