

# KARTHIK SELVAN S

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## SUMMARY

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Aspiring software developer with hands-on internship experience as a Java full stack developer and work experience as a Junior Developer. Eager to leverage strong skills in software development, project management, and collaborative problem-solving to contribute to innovative projects. Seeking opportunities to further develop my expertise and deliver high-quality, impactful solutions within a dynamic team environment.

## WORK EXPERIENCE

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### ROLE - Junior Developer

*Industrial Automation Pvt. Ltd, Puducherry, India*

*September 2022 - Present*

- Collaborated with senior developers to design, develop, and maintain web applications using Java, React, and other technologies.
- Participated in the full software development lifecycle, including requirement gathering, coding, testing, and deployment.
- Conducted code reviews and participated in team discussions to improve code quality and development processes.
- Created and maintained technical documentation for applications, including design specifications and user guides.

## INTERNSHIP

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### ROLE - Java Full Stack Developer

*Edusphere Pvt. Ltd, Puducherry, India*

*January 2022 - April 2022*

- Collaborated with a cross-functional team to design, develop, and implement scalable and efficient Java-based web applications, gaining hands-on experience in both front-end and back-end development.
- Implemented responsive and user-friendly interfaces using modern front-end technologies such as HTML, CSS, and JavaScript, ensuring a seamless and engaging user experience.
- Worked with databases, including MySQL, to design and optimize data models, ensuring the efficient storage and retrieval of information.

## SKILLS

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**Back-end Technologies :** MySQL, MongoDB, Java, Spring boot, hibernate.

**Front-end Technologies:** HTML, CSS, JavaScript, jQuery, Bootstrap5, React.js

**Mobile Technologies:** React Native

## PROJECTS

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- **Project Title: Shopping Website.**
- **Description:** Developed a dynamic e-commerce platform using React, featuring real-time product updates, user authentication. Implemented responsive design for optimal performance across devices.
- **Project Title: A Hybrid fitness-based routing and energy conservation technique for wireless sensor networks.**
- **Description:** In most applications of wireless sensor networks, important and critical information must be delivered to the sink in a multi-hop and energy-efficient manner. The proposed routing scheme improves the network lifetime by forwarding data packets via the optimal shortest path.
- **Project Paper Published :** ISSN No: 2456-1983

## EDUCATION

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**B.Tech in Information Technology, Grade:1st Class**

**June 2018 - August 2022**

*Rajiv Gandhi College of Engineering And Technology*

*Puducherry, India*

## CERTIFICATION

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- Certificate for Java Full Stack Developer
- Certificate for Front End Development-HTML
- Certificate for Python Programming.
- Certificate for Web Development.