Name: Karthik   **Email:**karthikmurugesan0703@gmail. com   **Mobile: 6380722815**

Professional Summary:

- Over 2 years of experience in developing web-based solutions and application development.
- Proficient in developing modern web applications using a combination of core Java, Spring Boot, and React.js.
- Skilled in designing and implementing RESTful and SOAP web services.
- Strong knowledge of databases, including Microsoft SQL Server and PostgreSQL.
- Experienced in using Spring MVC to create robust and scalable web applications.
- Proficient in front-end technologies like HTML, CSS, JavaScript, Tailwind CSS, and Bootstrap for building responsive user interfaces.
- Hands-on experience with state management using Redux.js and Next.js for server-side rendering.
- Familiar with version control systems, particularly Git and GitHub, for managing code repositories.
- Skilled in using tools like Postman for API testing and Microsoft Visio for creating technical diagrams.
- Knowledgeable in secure authentication and authorization using OAuth.
- Hands-on experience with Node.js for server-side JavaScript development.
- Proficient in JSON for data interchange between client and server.
- Experienced in deploying and managing applications on web servers such as Tomcat.
- A dedicated team player with excellent organizational and interpersonal skills.
- Motivated to take independent responsibility and be a good team player, with a positive attitude and willingness to adapt to new challenges and technologies.

Academic Details:

- (B.sc) from Rathinavel Subramaniam college of arts and science, Coimbatore.

Professional Experience:

- Working as a Software Engineer in **Agnoshin Technologies,** From April 2022 to Till Date.

Technical Skills:

- Design Tools: Figma
- Language: Core Java, Java 8
- Framework: Spring Boot
- Database: Microsoft SQL, PostgreSQL
- Web Services: SOAP, REST, RESTful Web Services
- Web Technology: HTML, CSS, JavaScript, React.js, Node.js
- Framework Modules: Spring MVC
- Data Interchange: JSON
- Version Control: Git, GitHub
- API Testing: Postman
- Cloud: AWS
- Web Server: Tomcat
- State Management: Redux.js, Next.js
- UI Libraries: Tailwind CSS, Bootstrap
- Authentication: OAuth
- Diagramming Tools: Microsoft Visio

Projects:

Project 1:

Project Title : Customer Experience Management

Duration: April 2022 to till date.

Project Description:

The Customer Experience Management software is an advanced CRM and IVR solution designed for contact centers to manage customer interactions across all channels. It enhances operational efficiency and includes features such as CRM integration, push reports, call forwarding, click-to-call, automated call distribution, audio conferencing, and campaign management. The platform allows customization of customer queries and requirements, providing an exceptional customer experience. AgnoCon AI offers a competitive edge, enabling contact centers to deliver outstanding customer experiences

Environment:

Java, Micro Services, Spring, Spring boot, Eclipse, Tomcat, JDBC, Rest API, Visual Studio, ReactJS, NodeJS, Tomcat, Maven, GIT, Multi-Threading, Junit, PostgreSQL.

Responsibilities:

- Developed a responsive module using React.js and Tailwind CSS for dynamic and adaptive user interfaces.
- Designed and implemented RESTful web services using Spring Boot for scalable and efficient server-side operations.
- Managed and maintained the PostgreSQL database for secure and efficient data storage.
- Ensured smooth data interchange using JSON for real-time data synchronization.
- Conducted API testing and validation using Postman for robust and reliable web services.
- Utilized Git and GitHub for version control and collaborative development.
- Implemented state management using Redux.js for predictable state updates.
- Integrated server-side rendering with Next.js for improved performance and SEO.
- Deployed and managed the application on the Tomcat server, ensuring high availability and scalability.

Project 2:
Project Title: IVR Report Portal
Client: Ethio Telecom, Ethiopia
Duration: Jan 2023 to Dec 2023.

Project Description:
The IVR Report Portals is a sophisticated dashboard application designed to provide real-time monitoring and analysis of IVR (Interactive Voice Response) systems. The platform delivers actionable insights into call activities, supporting effective system management and optimization. The project involved close collaboration with clients to tailor the solution to their specific operational needs

Environment:
　　　HTML, Java, Micro Services, Spring, Spring boot, Eclipse, Tomcat, JDBC, Rest API, Visual Studio, ReactJS, Redux js, Next js, Tomcat, Maven, GIT, Multi-Threading, Junit, PostgreSQL.,

Responsibilities:

- Developed a responsive user interface using React.js and Tailwind CSS for cross-device compatibility.
- Designed and implemented RESTful APIs with Spring Boot for efficient server-side processing.
- Managed a PostgreSQL database for secure and high-performance data storage.
- Utilized JSON for real-time data synchronization between frontend and backend systems.
- Conducted API testing and validation with Postman to ensure reliability and performance.
- Used Git and GitHub for version control and collaborative development.
- Applied Redux.js for state management to ensure predictable application behavior.
- Integrated Next.js for server-side rendering, enhancing application performance and SEO.
- Created interactive UI designs and prototypes with Figma for user-centric interfaces.
- Deployed and maintained the application on Apache Tomcat for high availability and scalability.
- Collaborated with clients to gather requirements and feedback, aligning development with client needs.
- Delivered customized solutions based on client specifications, improving system performance and user satisfaction.
- Optimized performance with advanced techniques and leveraged cloud services for scalability.
- Implemented microservices architecture for modular functionality and maintainability.
- Applied advanced security measures, including data encryption and secure API authentication, to protect sensitive information.
- Implementing Hibernate Components.
- involved in analyzing and providing solutions to UAT and production issues.
- Participated in discussions with the Onsite team.
- Analyze the system requirements.
- Involved in Restful web services, Spring Boot and Micro services
- Involved in business logic implementation code.
- Test the Developer test cases and doing the unit testing Coordinated the Onsite, Offshore teams for requirements, development, deployment and delivery.