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| --- | --- |
| About | My name is Saraswathi Sakthikumar. I'm from the Edmonton area and I'm interested in helping engineers with the future of software and web applications.  I am an experienced Full Stack developer with a passion for creating innovative solutions to complex problems. I have a strong background in Web Development, Data Base Management and a knack for learning new technologies. I am a quick learner and a team player. I am a strong believer in the power of technology to change the world.  Fully committed to the philosophy of life-long learning, I’m a full stack developer with a deep passion for .NET framework, JavaScript, React and all things Web Development. The unique combination of creativity, logic, technology and never running out of new things to discover, drives my excitement and passion for Web Development. When I’m not at my computer I like to spend my time reading, keeping fit and spend quality time with kids.  My curiosity and commitment to innovation drive me to explore and apply advancements in the industry. |
|  | Hello! I’m Saraswathi Sakthikumar, a Full Stack Developer based in the Edmonton area. I’m passionate about building forward-thinking software and web applications that empower engineers and drive innovation.  With solid experience in Web Development and Database Management, I thrive on solving complex problems and learning new technologies. I’m a quick learner, a strong team collaborator, and deeply believe in the power of technology to make a meaningful impact.  Driven by a commitment to lifelong learning, I specialize in the .NET framework, JavaScript, and React. For me, web development is the perfect blend of creativity, logic, and endless opportunities to explore something new and that’s what keeps me inspired every day.  When I’m not coding, you’ll likely find me reading, staying active, or enjoying quality time with my kids. My curiosity and passion for continuous improvement fuel my drive to stay at the forefront of the ever-evolving tech landscape. |
|  | Hi, I’m Saraswathi Sakthikumar, a Full Stack Developer from Edmonton with a passion for building smarter, more impactful web and software solutions. I enjoy working with technologies like .NET, JavaScript, and React, and I’m always excited to learn something new.  With experience in web development and database management, I love turning complex challenges into clean, efficient solutions. I'm a strong believer in lifelong learning and the power of tech to make a difference.  Outside of coding, I enjoy reading, staying active, and spending time with my kids. |
| Projects | 3M Oral Care Portal  https://www.3mcanada.ca/3M/en\_CA/orthodontics-ca/featured-products/oral-care-portal/ |
|  |
| Human Resources Management System |
| HakunaMatataBank |
|  |
|  |
| Skills | **Skills & Technologies**  I bring a versatile skill set built on real-world experience across a broad spectrum of modern technologies. From backend to frontend, from cloud platforms to enterprise systems, my toolkit is designed for scalable, secure, and intelligent solutions.  **🌐 Cloud Platforms & Infrastructure**   * **Microsoft Azure**: Deployment, App Services, Azure Functions, Logic Apps * **Amazon Web Services (AWS)**: EC2, S3, Lambda, IAM, API Gateway * **Google Cloud Platform (GCP)**: Compute Engine, Firebase, Cloud Functions * **Docker**: Containerization for portable and consistent environments   **🤖 Artificial Intelligence & Data**   * **AI Integration**: Natural language processing, image recognition, and intelligent automation * **Power BI**: Data modeling, visualization, and custom dashboards * **SSRS (SQL Server Reporting Services)**: Paginated reports and enterprise reporting   **💻 Backend & Full Stack Development**   * **C# & .NET**: ASP.NET Core, Web APIs, Entity Framework * **Java**: Spring Boot, REST APIs, Microservices * **Node.js**: RESTful APIs, Express.js, event-driven architecture   **🌍 Frontend & Web Technologies**   * **ReactJS**: Hooks, Context API, performance optimization * **JavaScript (JS)**: Modern ES6+, DOM manipulation, async programming * **Office 365 Integration**: Graph API, Outlook, SharePoint, and Teams integrations   **🧠 Enterprise Solutions**   * **Microsoft Dynamics 365**: Customizations, Power Platform integration, workflows * **Salesforce**: Apex, Lightning Components, CRM customization * **SharePoint**: Custom apps, document management, automation   **📶 Emerging Technologies**   * **IoT (Internet of Things)**: Device integration, telemetry, Azure IoT Hub * **Multi-cloud readiness** and hybrid cloud architectures * **Scalable and Secure Architecture Design** for enterprise-grade applications |
| Contact |  |
| About |  |
| Projects |  |
| Skills |  |
| Contact |  |
| Ref | <https://benscott.dev/>  <https://github.com/bscottnz/portfolio-site>  <https://andrejdeveloper.com/>  <https://safetpojskic.com/>  <https://www.perryolsson.com/#about>  <https://portfolio.sibandallen.co.zw/>  <https://portfolio-sigma-seven-22.vercel.app/>  <https://legacyx.ca/> |

1. **Introduction/Bio:**

* A brief introduction about yourself and your background in software development.
* Consider including your passion for the field and how you learned to develop software.
* This is your chance to connect with potential employers and make your portfolio memorable.

1. **Projects:**

* Showcasing your best projects, including both personal projects and those from your career.
* Include a clear description of each project, highlighting your role and the technologies used.
* Provide links to live demos or repositories for your projects, if possible.

1. **Skills & Experience:**

* List your relevant programming languages, frameworks, and tools.
* Provide context for your experience, explaining how you used your skills in various projects.

1. **Contact Information & Social Media:**

* Include your email address and links to your social media or networking accounts.
* This allows potential employers to connect with you and see more of your work.

1. **Resume & Downloads:**

* Offer a downloadable copy of your resume for easy access.
* You might also include other relevant documents like a portfolio PDF.

1. **Additional Sections (Optional):**

* Awards or recognition: Highlight any awards or recognition you've received for your work.
* Education: Mention your relevant education and any certifications you've obtained.
* About Me: This section allows you to express your personality and hobbies, making your portfolio more personal.

1. **Hosting & Platform:**

* Consider hosting your portfolio on a platform like GitHub or your own domain for a professional look.

**Cloud Platforms**

*Azure, AWS, Google Cloud, Docker*

Proficient in deploying, scaling, and managing cloud-native applications using Microsoft Azure, Amazon Web Services (AWS), and Google Cloud Platform (GCP). Experienced with Docker for containerization, enabling efficient and consistent deployment across environments.

**Software Programming**

*C#, Java, JavaScript, .NET, Node.js, React*

Strong programming foundation in C#, Java, and JavaScript, with hands-on experience in building full-stack applications using .NET and Node.js. Skilled in front-end development with React for building responsive and dynamic user interfaces.

**BI & Analytics**

*Power BI, SSRS*

Experienced in transforming raw data into actionable insights using Microsoft Power BI. Skilled in designing interactive dashboards, visual reports, and automated data flows. Proficient in SQL Server Reporting Services (SSRS) for traditional paginated reporting.

**ERP**

*Microsoft Dynamics*

Knowledgeable in ERP implementations using Microsoft Dynamics. Skilled in configuring modules, automating business processes, and integrating third-party systems to streamline enterprise resource planning.

**CRM**

*Salesforce, Microsoft Dynamics (CRM)*

Hands-on experience with CRM systems including Salesforce and Microsoft Dynamics 365. Capable of customizing workflows, managing customer data, and building solutions to improve customer engagement and sales processes.

**Low Code Development**

*Power Platform (Power BI, Dynamics), SharePoint*

Developed business applications using low-code tools like Power Platform and SharePoint. Proficient in building apps, automating workflows, and integrating systems with minimal code for rapid delivery.

**Content Management & Collaboration**

*SharePoint, Office 365*

Skilled in using SharePoint and Office 365 for enterprise content management, team collaboration, and document workflows. Experienced in creating intranet portals and collaborative workspaces that enhance productivity.

**Emerging Technology**

*AI, IoT*

Passionate about emerging technologies such as Artificial Intelligence and the Internet of Things (IoT). Knowledgeable in integrating AI-powered features into applications and leveraging IoT devices for smart, connected solutions.

**Backend**

Proficient in building scalable backend systems using **C# (.NET)**, **Java**, and **Node.js**. Experienced with RESTful APIs, microservices architecture, and performance optimization techniques.

**Cloud**

Hands-on expertise with **Microsoft Azure**, **AWS**, and **Google Cloud Platform** for deploying secure, cloud-native applications. Skilled in **Docker** for containerization and CI/CD workflows.

**Content Management**

Experienced with enterprise-level platforms like **SharePoint** and **Office 365**, enabling seamless collaboration, content organization, and document lifecycle management.

**CRM**

Implemented and customized customer engagement solutions using **Salesforce** and **Microsoft Dynamics CRM**, streamlining workflows and enhancing user experience.

**Emerging Tech**

Exploring next-gen technologies such as **Artificial Intelligence (AI)** and **Internet of Things (IoT)** to build smart, connected, data-driven applications.

**ERP**

Hands-on experience with **Microsoft Dynamics 365** and ERP modules to automate finance, operations, and supply chain management across enterprise environments.

**Frontend**

Skilled in crafting modern, responsive interfaces with **React** and **JavaScript**, with a strong focus on accessibility, performance, and intuitive user experiences.

**BI & Analytics**

Adept at building dashboards and reports using **Power BI** and **SSRS**, turning raw data into actionable business insights.

**Database & SQL**

Proficient in designing and querying relational databases using **SQL Server**, with a strong grasp of data normalization, stored procedures, indexing, and performance tuning.

**🌐 Cloud Platforms & Infrastructure**

**Microsoft Azure**: Deployment, App Services, Azure Functions, Logic Apps

**Amazon Web Services (AWS)**: EC2, S3, Lambda, IAM, API Gateway

**Google Cloud Platform (GCP)**: Compute Engine, Firebase, Cloud Functions

**Docker**: Containerization for portable and consistent environments

**🤖 Artificial Intelligence & Data**

**AI Integration**: Natural language processing, image recognition, and intelligent automation

**Power BI**: Data modeling, visualization, and custom dashboards

**SSRS (SQL Server Reporting Services)**: Paginated reports and enterprise reporting

**💻 Backend & Full Stack Development**

**C# & .NET**: ASP.NET Core, Web APIs, Entity Framework

**Java**: Spring Boot, REST APIs, Microservices

**Node.js**: RESTful APIs, Express.js, event-driven architecture

**🌍 Frontend & Web Technologies**

**ReactJS**: Hooks, Context API, performance optimization

**JavaScript (JS)**: Modern ES6+, DOM manipulation, async programming

**Office 365 Integration**: Graph API, Outlook, SharePoint, and Teams integrations

**🧠 Enterprise Solutions**

**Microsoft Dynamics 365**: Customizations, Power Platform integration, workflows

**Salesforce**: Apex, Lightning Components, CRM customization

**SharePoint**: Custom apps, document management, automation

**📶 Emerging Technologies**

**IoT (Internet of Things)**: Device integration, telemetry, Azure IoT Hub

**Multi-cloud readiness** and hybrid cloud architectures

**Scalable and Secure Architecture Design** for enterprise-grade applications

**Backend**

Proficient in developing robust and scalable backend systems using **C# (.NET)**, **Java**, and **Node.js**. Skilled in creating RESTful APIs, integrating microservices, and ensuring secure, high-performance server-side applications.

**Cloud**

Hands-on experience with **Microsoft Azure**, **AWS**, and **Google Cloud Platform** for deploying, scaling, and monitoring cloud-native solutions. Proficient in **Docker** for containerization and cloud service orchestration using CI/CD pipelines.

**Content Management**

Experienced in implementing enterprise content management solutions using **SharePoint** and **Office 365**. Skilled in workflow automation, document management, and enabling team collaboration across departments.

**CRM**

Implemented and customized CRM systems such as **Salesforce** and **Microsoft Dynamics CRM** to improve customer engagement, automate sales processes, and streamline customer service operations.

**Emerging Tech**

Actively working with cutting-edge technologies including **Artificial Intelligence (AI)** for predictive analytics and **Internet of Things (IoT)** for building smart, connected applications that leverage real-time data.

**ERP**

Experience in integrating and customizing **Microsoft Dynamics 365 ERP** solutions to automate business functions such as finance, operations, and supply chain, enabling better data-driven decisions across enterprises.

**Frontend**

Expert in building responsive, accessible user interfaces with **ReactJS** and modern **JavaScript**. Focused on delivering high-performance frontend solutions with strong UX/UI principles and seamless API integration.

**BI & Analytics**

Adept at transforming raw data into meaningful insights using **Power BI** and **SSRS**. Capable of designing interactive dashboards, custom visualizations, and automated reports for informed business decision-making.

**Database & SQL**

Strong command over relational databases including **SQL Server**, with expertise in writing complex SQL queries, optimizing performance through indexing and stored procedures, and ensuring data integrity through normalization and schema design.

.contact-section {

padding: 4rem 2rem;

background-color: #f9f9f9;

}

.contact-header {

font-size: 48px;

font-weight: 600;

margin-bottom: 1rem;

border-bottom: 2px solid #b5280e;

display: inline-block;

}

.contact-intro {

font-size: 18px;

color: #333;

margin-bottom: 2rem;

max-width: 600px;

}

.contact-content {

display: flex;

flex-wrap: wrap;

gap: 3rem;

}

.contact-info {

flex: 1;

min-width: 250px;

}

.info-item {

display: flex;

align-items: flex-start;

margin-bottom: 1.5rem;

}

.info-icon {

width: 32px;

margin-right: 1rem;

}

.contact-info strong {

font-size: 16px;

color: #000;

}

.contact-info p {

margin: 0.2rem 0 0;

color: #555;

}

.contact-form {

flex: 1;

min-width: 300px;

}

.contact-form form {

display: flex;

flex-direction: column;

gap: 1rem;

}

.contact-form input,

.contact-form textarea {

padding: 0.75rem 1rem;

border: 1px solid #ccc;

border-radius: 4px;

font-size: 16px;

resize: none;

}

.contact-form button {

padding: 0.75rem;

background-color: #b5280e;

color: white;

border: none;

border-radius: 4px;

cursor: pointer;

font-size: 16px;

transition: background-color 0.3s ease;

}

.contact-form button:hover {

background-color: #93210c;

}

@media (max-width: 768px) {

.contact-content {

flex-direction: column;

}

.contact-header {

font-size: 36px;

}

}