SALIM JAMAL SALIM

COUNTRY: **Irish Resident** │ PHONE: **+353 857 638 693** │ EMAIL: **sja193200@gmail.com**
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ACADEMIC QUALIFICATION

Master of Science in Computer Science: Software Engineering-Wolf University

Expected Year of Graduation: 2026 - *https://woolf.university/id/4400002922*

Gained expertise on Software Development Life Cycle models like Waterfall, Agile, and DevOps, each with distinct methodologies for structured or iterative development. Design patterns (e.g., Singleton, Observer) offer reusable solutions tailored to specific scenarios. Testing techniques (unit, integration, system) requiring careful evaluation to ensure software quality.

Honors in Business Information Technology-Jomo Kenyatta University of Agriculture and Technology
Year of Graduation: 2023

Gained diverse skill set combining technical expertise (computer systems, programming, computing) and non-technical skills (communication, problem-solving) to drive business innovation, optimize IT solutions, and align technology with organizational goals. Perfect for excelling in Business Information Technology Honors.

TECHNICAL PROFILE

- HTML5, CSS3 (including CSS preprocessors like Sass or Less) & JavaScript ES6+ (**for Static Websites**)
- React.js / Vue.js / Typescript.js /Next.js (including Hooks and Context API) (**for Dynamic Websites**)
- Node.js / Spring Boot / Django for **Backend Technologies**
- **RESTful/Graph APIs/FastApi** for seamless integrations
- MongoDB/MySQL (**Database Management Systems**)
- AWS / Oracle for **Cloud Services**
- **Docker**- for containerization /**Github** - for version control /**Kubernetes** - Service management
- **Programming Languages:** Javascript, Python, PHP and Java.
- **AI** - Github Co-pilot / GPT-4.0
- **Testing Frameworks:** Jasmine, Jest , Automation Testing

PROFESSIONAL EXPERIENCE

Rebune International Home appliance Company   **2021 -2024 - Software Developer**

Managed the complete software development lifecycle, from conception to deployment.
Software Development:
- Designed and implemented backend systems using Node.js with AWS Lambda, optimizing serverless functions for efficiency. Developed dynamic and responsive user interfaces with React.js, leveraging the Tailwind CSS framework to enhance user experience and design consistency.

Technical Skills:
- Configured and maintained both relational and non-relational database systems. Developed and integrated GraphQL and RESTful APIs, utilizing Axios for efficient data fetching and tested API endpoints with Postman. Optimized network performance and security using Cloudflare to ensure scalability and reliability.

Deployment:
- Streamlined Continuous Integration and Continuous Deployment (CI/CD) processes using Docker for containerization. Automated deployments with Ansible and leveraged Kubernetes for scaling and managing containerized applications. Managed hosting and cloud infrastructure on AWS to ensure high availability and performance.

Innovus Group-Technology Consultant Company   **2021 -2023 - Software Developer**

Web Development & Optimization
- Developed static websites with HTML, CSS, JavaScript and dynamic applications using React.js, Next.js, and WordPress CMS, optimizing performance and user experience. Customized platforms using Bootstrap & Tailwind based on client needs.

Hosting & Infrastructure
- Managed control panels, handling hosting, domains, subdomains, databases, and emails. Configured Cloudflare for security and performance, set up SSL, DNS settings, security headers, and automated backups & monitoring.

Deployment & Security
- Implemented automated deployments with GitHub Actions, Docker, Vercel, and CI/CD pipelines for smooth updates. Secured applications with OAuth, JWT, AuthToken, password hashing using bcrypt, and input validation with Zod.

API Development & Performance
- Built and tested APIs using Postman & Jest, ensuring reliability. Optimized React applications with lazy loading, SSR, SSG, React Query for efficient data fetching, and enhanced performance with image & asset optimization for faster load times and SEO.

COMPETECIES

- Excellent communication skills and strong problem-solving abilities.
- Architect and design a software system considering scalability, maintainability, and security requirements
- Evaluate the suitability of different software development methodologies for a specific project and recommend the most appropriate approach

PROJECTS

FULL-STACK ELECTRONICS ECOMMERCE - REACT.JS | NODE.JS | MONGO DATABASE | EXPRESS.JS
Link: **https://techbysj-electronics-store.netlify.app/**.
Github: **https://github.com/techbysj/Ecommerce-React-App/tree/main**
TechBySJ Electronics is a full-stack eCommerce web application built with React.js for the frontend and Express.js with MongoDB for the backend. The frontend leverages React Router for navigation, Redux Toolkit for state management, and Tailwind CSS for responsive design. Key libraries like React Icons and React Toastify are used for enhanced UI and real-time notifications. The backend utilizes Node.js, Express.js, and MongoDB with Mongoose for data management, while JWT and Bcrypt ensure secure user authentication. Security is further strengthened with Helmet and Express Rate Limit. The application is optimized for performance and scalability, providing a seamless, secure shopping experience with modern web technologies.

DIGITAL SOLUTIONS WEB APP - REACT.JS | MONGO DATABASE | DJANGO-PYTHON | FASTAPI
Link: **https://digitalplatform-react-django.netlify.app/**
Github: **https://github.com/techbysj/DigitalSolutionsPlatform**
The Digital Platform is a full-stack web application built with React.js for the frontend and Django with Python for the backend. The frontend utilizes React Router for smooth navigation, Redux Toolkit for state management, and Tailwind CSS for a responsive and modern design. React Icons and React Toastify enhance the UI and provide real-time notifications. The backend is powered by Django, using Python for server-side logic and PostgreSQL (or another database) for data management. JWT and Bcrypt ensure secure user authentication, while Django's built-in security features protect against web vulnerabilities. The application is optimized for performance, scalability, and security, offering a robust solution for web development.

FULL-STACK AMAZON CLONE - JAVASCRIPT | HTML | CSS
Link: **https://amazons-clone-javascript.netlify.app/**
Github: **https://github.com/techbysj/amazonclone**
The Amazon Clone is a dynamic eCommerce web application created using HTML, CSS, and JavaScript. It follows the MVC (Model-View-Controller) architecture to structure the application, ensuring clean separation of concerns. The frontend uses HTML for structure, CSS for styling, and JavaScript to handle the DOM manipulation, allowing dynamic population of product listings. The Document Object Model (DOM) is leveraged to dynamically display product data, providing a smooth and interactive user experience. The application demonstrates key web development concepts such as MVC structure, DOM manipulation, and responsive design, creating a simple yet functional eCommerce platform

I am currently looking for roles such as **Frontend Developer**, **Full Stack Developer**, **DevOps**, and **Software Developer**.
If you are looking for someone with experience in these areas, feel free to reach out!