



# SHAUN FURTADO

Full Stack Developer

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#) | [Blog](#)

## EDUCATION

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**St. Joseph Engineering College**  
Computer Science and Engineering B.E  
CGPA: 8.61

Vamanjoor  
Dec 2021 - Present

## EXPERIENCE

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**Karpine | Blockchain Intern** Remote | Jan 2024 - Mar 2024

- Developed a Twitter Crypto Bot using Blockchain and Twitter API for real-time transaction monitoring.
- Designed and implemented Token Swap Dapp for crypto token launches using Node.js and Moralis.
- Utilized Git for version control and collaborated with team members for project success.

**MotionCut | Web Developer Intern** Remote | Oct 2023 - Nov 2023

- Developed professional business websites with clean UI/UX designs and optimal performance.
- Created user-friendly registration forms and e-commerce websites using HTML, CSS, and JavaScript.

## SKILLS

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Programming Languages: C++, JavaScript, TypeScript, Python, Java  
Libraries/Frameworks: React.js, Next.js, Node.js, Express.js, Socket.io, Flask  
Tools / Platforms: Git, Docker, AWS S3, EC2, Bash, Visual Studio  
Databases: MySQL, SQLite, MongoDB, Redis, Firebase

## PROJECTS

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**ConferEase** *React.js, Express.js, Socket.io, Redis, Pocketbase, Docker*

- Developed a privacy-focused video conferencing platform using React.js and Express.js, enabling users to host and join meetings without revealing their identities, which enhances session management beyond traditional tools
- Implemented WebSockets with Socket.io and WebRTC for encrypted chats and seamless one-to-one sessions, with Redis supporting real-time data processing and Docker ensuring consistent development environments.

**CodeTrek** *React.js, Express.js, MongoDB, Node.js*

- Created a specialized nano blog using React.js and Express.js to document my competitive programming journey, featuring solutions from programming platforms, integrated with MongoDB for data management.
- Serves as a comprehensive note-taking app for tracking progress, sharing and providing easy access to solutions

**Flow Chain** *React.js, Solidity, Ethers.js, Tailwind CSS, Hardhat*

- Developed a supply chain management system leveraging blockchain for transparency, security, and efficiency.
- Implemented QR code functionality to interact with and process every step in the supply chain, utilizing Solidity for smart contracts and Hardhat for development and testing.

**Hotel Management System** *HTML, CSS, Python, Flask, MySQL*

- Developed a hotel management system with Flask and Python, providing a database solution for hotel operations.
- Designed a dashboard with HTML and CSS for room occupancy, booking, and management, using MySQL for data handling and retrieval.

## CERTIFICATIONS

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- Google Data Analytics Specialization, Google - **Coursera**
- Salesforce Administrator - **Salesforce Trailhead**
- TechA CompTIA Security+(Plus) Certification - **Infosys Springboard**
- Data Structures, University of California San Diego - **Coursera**

## HONORS & AWARDS

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- Runner-Up in HackToFuture Hackathon, 2023
- Runner-Up in SJEC Premier Hackathon, 2023