

# Jeevan George John

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## SUMMARY

Passionate software development enthusiast with over two years of hands-on experience in web development and back-end systems. Proficient in designing and creating Java-based Web Services, particularly in REST models, and experienced with continuous integration and deployment (CI/CD) practices. Skilled in crafting clear and concise code that emphasizes maintainability and ease of troubleshooting, with experience in languages like Java and JavaScript. Familiar with front-end frameworks like Angular and React and experienced with major open-source tools and frameworks such as Spring, Docker, and Hibernate, as well as build and development tools like Gradle and Maven. Known for excellent communication skills, enthusiasm for learning technologies, and applying them to improve products.

## PROFESSIONAL EXPERIENCE

### Software Engineer

08/2022 – 08/2023

*Tarento Technologies Pvt Ltd., Bangalore, India*

- Led a team effort that boosted productivity by 20% by implementing Angular and Java with robust security features, strengthening our foundational application stack against cyber threats.
- Orchestrated the software lifecycle, achieving 15% efficiency improvement with Jenkins automation, emphasizing security testing.
- Collaborated cross-functionally, customizing applications, translating design requirements, and guiding junior members in secure coding practices.

### Associate Software Engineer

08/2021 – 07/2022

*Tarento Technologies Pvt Ltd., Bangalore, India*

- Engineered a hiring tool using React and NodeJS, ensuring a 90% streamlined and secure user experience for efficient recruitment processes.
- Managed daily operations of the Employee Engagement platform, optimizing functionality, with security measures like RBAC.
- Prioritized bug-free applications with rigorous security testing using JMeter, achieving 98% reliability and exceptional performance, enhancing system stability.

## OTHER EXPERIENCE

### Area Director

01/2024 – 06/2024

*Toastmasters International, London, United Kingdom*

- Coordinated and organized multiple successful events, including speech contests and leadership training sessions, improving member participation by 30%.
- Drove strong leadership initiatives by actively mentoring and coaching individuals, nurturing a culture of growth and development to achieve collective goals.
- Mentored club officers and members, fostering leadership skills and encouraging personal development, resulting in higher achievement of educational awards.

## EDUCATION

*MSc, Network & Information Security*

2023 - present

**Kingston University, London, United Kingdom**

- Dissertation – Enhancing Web Application Security with JWT Role Based Authentication & Authorization
- Key Modules – Cryptography & Applications, Mobile Security, Network & Information Security, Data Communications
- Achievements – Kingston Silver and Bronze Student Awards, Faculty Representative of the year Award

*Bachelor of Technology, Computer Science and Engineering, 1<sup>st</sup> Class with Distinction*

2017 – 2021

**Government Engineering College, Thrissur, India**

- Key Modules – Data Structures, Object-oriented programming, Database Management

## PROJECTS

- Visual cryptographic web application for secured file access in cloud → Built an application where users could confidently store and access their files with an added layer of protection, demonstrating the practicality and effectiveness of our solution.
- Secure Mobile Application → Developed a secure Android app with end-to-end encryption and robust wireless communication protocols, conducting security assessments to ensure alignment with OWASP Top 10 and NIST guidelines.
- Expense Tracker → Implemented OWASP guidelines for web security in the Expense Tracker React application to counter threats like XSS and SQL injection attacks.
- PyGuard → Python firewall simulator to define rules, generate random IPs, check them, and display results.

## SKILLS

**Expert:** Java, JavaScript, Python, SQL, MongoDB, Elasticsearch, CSS, HTML, Git, CI/CD, Agile/Scrum, Spring Boot, Angular

**Proficient:** Amazon S3, Postman Api, Unix, Jenkins, Git, Elasticsearch, JIRA, NodeJS, jQuery, React, PostgreSQL, Linux, Bootstrap

## LEADERSHIP, VOLUNTEERING & CERTIFICATIONS

*Faculty Representative, Kingston University* → Advocates for student interests and facilitates communication between students and faculty.  
*Course Representative, Kingston University* → Advocate for student concerns, suggest improvements, and present constructive feedback to enhance the learning experience.

*VP, Education, Toastmasters* → Developed educational programs to enhance leadership skills, mentored members, and tracked progress.

*Burp Suite Essential Training* → Penetration testing, proxying, crawling, intruder mode, and CO2 integration with SQL Map.

*Learning the OWASP Top 10* → Insights into the security risks with practical strategies for identifying and mitigating vulnerabilities.

*Cybersecurity Careers: Become a Penetration Tester* → Covered essential skills, tools, certifications, and career pathways in cybersecurity.

*References are available upon request.*