Contact

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(LinkedIn)

Top Skills

Webrtc
Docker
Team Leadership

Shing Him Yip

Software Developer at Content Guru
Egham, England, United Kingdom

Summary

Software engineer specialising in frontend architecture, WebRTC, and security-critical platforms. I lead React frontend development for video conferencing, screen monitoring, and messaging within a CCaaS product used by enterprise and government clients globally. I also maintain large-scale WebRTC infrastructure and contributed to achieving FedRAMP High compliance through container security, vulnerability scanning, and FIPS compliance.

Experience

Content Guru
2 years 5 months

Software Developer
January 2024 - Present (2 years 1 month)
Bracknell, England, United Kingdom

Software Developer – WebRTC / Frontend

- Led frontend development and architecture for a React-based video conferencing platform within a CCaaS product used by enterprise and government clients

- Designed scalable frontend structures for real-time video conferencing , screen monitoring and user-to-user messaging

- Maintained and optimised global WebRTC infrastructure (iPath) used across 50+ countries

- Selected for a specialised team delivering FedRAMP High readiness and audit success

- Led FedRAMP compliance efforts including container hardening and signing, vulnerability scanning, automated image security enforcement, and FIPS compliance

Graduate Software Engineer
September 2023 - Present (2 years 5 months)
Bracknell, England, United Kingdom

Royal Holloway Students' Union
Event Support Crew
September 2022 - August 2023 (1 year)
Egham, England, United Kingdom

- Worked as part of a team to support the general running of Students' Union venues, with specific responsibility for event support equipment set-up, late-night door entry operation, and ensuring a safe and welcoming environment.
- Demonstrated strong conflict management skills by de-escalating difficult situations, maintaining a calm and professional demeanour, and seeking assistance from appropriate resources when necessary.
- Utilized problem-solving skills to identify and troubleshoot issues related to venue set-up, technical equipment, and crowd control, resulting in successful events with no major incidents.
- Worked collaboratively with team members to divide responsibilities, communicate effectively, and support one another to ensure efficient and effective event operations.
- Consistently received positive feedback from venue management, event organizers, and customers for professionalism, attentiveness, and attention to detail.

Oliver McCourty Ltd
Full-stack Web Developer Intern
June 2022 - September 2022 (4 months)
London, England, United Kingdom

• Acted as a Scrum Master to facilitate Agile development and manage project timelines and progress
• Collaborated with cross-functional teams to launch the company's website using AWS Elastic Beanstalk
• Developed RESTful APIs using the Django framework and SQL database
• Integrated the Stripe payment system to support the backend
• Used HTML, CSS, and React to develop the frontend

Education

Royal Holloway, University of London
Computer Science · (September 2020 - August 2023)

PolyU Hong Kong Community College

Associate's degree, Engineering · (September 2019 - July 2020)