

SHASHANK MAHAJAN

Senior Full-Stack Engineer

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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 5+ years of experience in high-performance backend architectures, cybersecurity, and cloud-native systems. Expert in **GoLang** and **React**, with a proven track record in developing enterprise-grade platforms for Next-Gen HSM management and automated cloud provisioning. Expert in applying DSA to solve complex scalability and concurrency challenges in security-first environments.

CORE TECHNICAL COMPETENCIES

- Full-Stack Development:** GoLang, **React.js (Expert)**, Microservices, gRPC, Node.js.
- Security & HSM:** HSM Lifecycle, IAM, OAuth2, API Security (Swagger/OpenAPI), CTF Events.
- Cloud & DevOps:** Docker, Podman, Google Cloud Platform (GCP), CI/CD (GitLab/Bamboo).
- Databases & Systems:** **MongoDB**, MySQL, REST APIs, Distributed Systems, Algorithms & DSA.

PROFESSIONAL EXPERIENCE

Thales DIS | Senior Software Engineer | January 2024 – Present

- Leading end-to-end development of **HSMs Manager**, a centralized **React/GoLang** platform for Next-Gen HSM lifecycle management (Key Management, IAM, Cryptography).
- Architected OAuth2 compliance for **REST APIs**, identifying security flaws and implementing **Swagger/OpenAPI** documentation for seamless third-party integrations.
- Built a high-performance Go-based automation framework and optimized CI/CD pipelines, achieving zero-downtime deployments and an 83