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Remote Australia or Melbourne On-Site/Hybrid (Need Visa Sponsorship)

Baikang Li | AppSec Specialist & IAM Specialist

A seasoned security specialist with over 4 years of dedicated experience in application security and IAM, complemented by 4 years of strong software development background.

Adept at designing and implementing security risk management programs, digital identity management, data security operations, and conducting technical security assessments, including penetration testing.

Proven ability to work collaboratively with cross-functional teams in Engineering, SecOps, IT, Legal, and HR to address all facets of information security risks.

Skills

- Risk assessment, mitigation solution design, and gap analysis.
- Development and implementation of security risk management policies, procedures, and controls.
- Advanced knowledge of application threat detection and management.
- Data classification, anonymization, and encryption techniques.
- Design IAM, IGA, and PAM system solutions.
- Being familiar with common security risks & know how to fix them, eg. OWASP Top 10.
- Experienced in programming languages such as Go, Python, Java, JS/TS (Backend), and experiences on React, and Vue.js.
- Strong project management skills and a collaborative team player with excellent communication abilities.
- Advanced skills in Excel & Google Sheets.
- Being familiar with AWS, GCP, and Azure Cloud.
- Experienced in SSDLC process, and tools for SCA, SAST, and DAST.
- Expertise in Threat Modeling for backend applications, and cloud services.

Project Experience

Security Consulter, IAM & Security Engineering, sports equipment retail company |

2023.09 - Present

- Leading the design and implementation of IAM, IGA, and PAM systems, to enable digital identity capabilities in China, to support local business.
- Design integration various of China applications with IAM & IGA & PAM systems.
- Design SoP of IAM & IGA system integration to create a standard process.
- Research and apply industry best practices in security architecture, performing industry benchmarking and gap analysis to advance security maturity.

- Enhance API Gateway consumer AuthN & AuthZ flow, design operation model & release process for API Security Assessment.

Security Code Reviewer, Digital product manufacturer | 2022.06 - 2023.08

- Orchestrated comprehensive security code reviews across cloud services and data processing pipelines to pinpoint and mitigate potential vulnerabilities in Java Spring applications, Python Airflow ETL tasks, and Terraform infrastructure code.
- Fostered a robust security culture by integrating automated security code scanning tools (Coverity, BlackDuck, Semgrep, Anchore, and Checkmarx) into the CI/CD pipeline, enhancing early detection of security issues.
- Championed security best practices within the development team, providing guidelines and support for remediation of security findings, significantly reducing the risk of insider threats and improving code quality.

AppSec Specialist, Thoughtworks | 2021.01 - 2022.02

- Designed and conducted penetration testing to evaluate compliance with security standards, effectively identifying risks in staging and production environments.
- Provided pivotal support to product teams on security integration initiatives within the SDLC, offering solutions to potential security flaws in early development stages.
- Initiated technical security reviews to certify systems, contributing to Thoughtworks' proactive security posture.

FullStack Engineer, Thoughtworks | 2019.07 - 2021.01

During my tenure at TechOps, Thoughtworks. I was involved in various projects and domains, including Fixed Bid revenue recognition, Timecard Redesign on Salesforce, Opportunity Management system on Java, Ruby & React, and Demand data ETL on BigQuery, Airflow & Sisense.

- Design and implement the Fixed Bid revenue recognition process on Salesforce.
- Implementing the Timecard Redesign on Salesforce.
- Enhance the search functionality for the Opportunity Management system, streamlining the process, and improving the user experience.
- Design and implement the Demand data ETL process and data visualization on Sisense.

Python Engineer at Recruitment headhunting system, JianXun | 2017.10 - 2019.05

I am responsible for information collection, data cleaning, data analysis, and data relationship mining.

- Developed a high-performance data crawler using Python, asyncio, IP proxy pool, Redis, and MongoDB.
- Created a resume parser using Python, Tika, regex, and a self-designed scoring algorithm.

- Implemented a resume labeling system using Python Flask and Vue.
- Developed a resume relationship mining system using Python, Elasticsearch, and a self-designed mapping & scoring algorithm.
- Provided support for CRUD operations of our product on a Tornado server.

Java Engineer at the Insurance industry, DingHe | 2016.07 - 2019.01

I worked as a Java backend engineer, responsible for developing CRUD operations for the insurance system.

Education

Wuhan University of Technology Huaxia College | 2012.09 - 2016.06

Bachelor's degree in Internet of Things Engineering