Adi Prasetyo

 94105, San Francisco, CA, US

 muhadiprsty@gmail.com

 +1 (415) 968-6221

 http://www.tamaokazawa.site

 http://www.linkedin.com/in/muhamad-adi-prasetyo

 http://github.com/xTaMaox

To obtain a full-time position, where I can leverage my background in web application security to add further depth to the team and assist in strengthening security posture. With 4 years of experience in Chief Technology Officer, 8 years of software development, 3 years of CRM Specialist, 10 years of Writer. I believe I would be a strong fit for this position.

Professional Experience

Marks and Spencer, Lead Software Development Engineer   11/2021 – 11/2022 | London, UK
> Develop real-time embedded systems using primarily C/C++ across all phases of the software development lifecycle
> Interface with Systems Engineers to develop flow down software requirements and technical specifications
> Identifying risks, suggest mitigation, Track defects, Developing resolutions and reporting status
> Conduct reviews of software related products, software designs, and additional technical documents
> Actively participate as a part of an Integrated Product Team (IPT) member in design reviews and technical peer reviews
> Expertise with Software Build tools like Maven, Gradle, Bazel, Cmake

Iris Group Pte Ltd, Technical Leader, ERP (Sr. Director)   07/2021 – present | Singapore, Singapore
> Communicate appropriately, clearly, and effectively with project team, implementation partner(s), internal operations, and executive leadership
> Make informed decisions on how to set expectations through collaboration with internal project team, and understand constraints and risks
> Serve as the PM on more than one project at a time Exercise sound judgment and escalate issues appropriately
> Contribute to, understand, and execute Enterprise Project Management Office best practices
> Create and maintain a positive and productive work culture among the PMO and other internal teams

Eth0, Chief Technology Officer   01/2019 – present | San Francisco, US
> Responsible for the design and technical leadership of proof of concept exercises and the presentation of Eth0 proposals and offerings to new and existing Eth0 clients, products and services and therefore improving growth/sales
> Presenting reports/updates technological status, goals and progress.
> Developing and owning high-level KPIs for the technical community
> Assisting in the recruitment, onboarding and training of technical staff
> Identifying technologies that can be used to improve Eth0 products and services and therefore improving growth/sales

Pando Innovations, Chief Technology Officer   09/2018 – present | San Francisco, US
> Apply data application architecture expertise while presenting Pando technology and vision to executives and technical contributors at strategic prospects, customers, and partners
> Work with product management, partners, and sales teams in order to drive innovation in Cloud Data Platform
> Partner with sales team and channel partners to understand the needs of our customers, strategize on how to navigate and accelerate winning sales cycles, provide compelling value-based enterprise architecture deliverables and working sessions to ensure customers are set up for success operationally, and support strategic enterprise pilots / proof-of-concepts
> Contribute to the creation of reference architectures, blueprints, best practices, etc. based on field experience to continue to up-level and enable our internal stakeholders and Pando Powered by Program

Education

University of California, Berkeley, Computer Science   08/2021 – present | Berkeley, United States

Skills

Experience led 35+ team members, 5 years of experience in Marketing, Risk management, ensuring the organisation fulfils its legal, 5 years of experience in People Management, Negotiated vendor contracts, achieving a 10% savings compared to the forecasted project budget, Ability to generate income and manage a budget, Delivered assignment two months ahead of schedule with zero interruption to business functions, Managing projects from start to finish, Establishing mechanisms for listening to the views of beneficiaries of the organisation's performance, Optimized implementation efforts at 7 locations and provided training to 35+ end users, Evaluating emerging technologies to determine if they can be integrated into the company's products or services

Experience with Scripting, source code review, Slack, Visual Studio Code, AWS EC2, Altus, Eclipse, STS, Android Studio, CMake, bazel, ninja, Configurator 2, Oracle SQL developer, Metal, OpenGL, DirectX, Consoles, CRM, Atom, VMware ClickUp, Evernote, Google Business Suite, Miro

Experience with MongoDB, Mongoose, Heroku,Git, npm, Passport.js, GitHub, SVN, MDM Profile Manager, Mentorship

Knowledge of NIST, OWASP, SOX, HIPPA, GPDR, CCPA, CIS, ISO 27001, MITRE&ATT@CK, SANS, COBIT, CERT, Traceability

Experience working with physical hardware integration, warehouse ops and/or building B2B SaaS platforms

Perform penetrations test of infrastructure, wireless, web applications, mobile applications, API, IoT, social engineering, physical attack, WEB intrusion detection

Experienced with CI/CD tools, jenkins, JenkinsX, argocd, GitLab, tekton, Network attack, Defense technology

Experience with Docker, Kubernetes, PGP, SSH, OAuth, HTTPS, SFTP, Firebase, RTL coding in Verilog

Experienced in using database monitoring system Prometheus, Zabbix, Dynatrace

Real-life experience of applying lean start-up and design thinking to build products from scratch

Collaborator and "cultural fit" with the rest of the management team

Ensuring a high-performance leadership culture, with a senior leadership team, for all technical teams including specialist functions such as design, production, QC and R&D

Development of overall technology vision and strategic roadmap to differentiation from competition

Significant experience working with a complex suite of products. Experience building a "productization" framework around product management focus and priorities

Familiar with application system security risk assessment methods, information security-related web application protection, log analysis and security architecture

Developing positive relationships, collaborating across teams, developing staff, coordinating multiple timelines, and handling complex, cross-discipline projects.

Experience with Agile methodologies, Hasura, Multi-Tiers architecture, SOLID patterns, Dapper, Dependency injection, IoC, Clean Code, GCP, Helm, Kafka, Packer, AWS, RabbitMQ, Terraform, Ansible, Chef, Puppet Ip networking, network analysis, performance, application issues, LINQ, Entity Framework, PostgreSQL, MySQL, Redis, SQL Server, Oracle

Experience with JIRA, App Center Test, Browser Stack, Cryptography, OOP, Design Principles, Algorithms, data structures, software design, vulnerability assessment, penetration testing, Write proof of concept code

Good understanding of Ubuntu, Windows, Android, Microsoft Windows, OS-X, Debian, Linux and Mac OS

Experience with Cross Site Scripting, Bug fixing and writing monitoring and detection tools to prevent recurrence, Cross Site Request Forgery and Content Security Policy

Familiarity with industry-standard threat modeling, risk modeling and vulnerability classification

Knowledge of Selenium, Cypress, Cucumber, CAD/CAM/CAE, Numerical Control, Computer Numerical Control, Cannabis, Fentanyl,Hack the box, Injector, NInject, Automapper, NLog, Beautiful Soup, React Testing Library, Jest

Skilled at participating in strategic discussions both internally and with clients

Active English, Teamwork, Creative, Critical Thinking, good written and verbal communication skills

Experience developing Angular, C, CSS, C#, C + +, R, Ether Js, Scala, Elixir, Cassandra, smart contracts, Voldemort, Memcached, Objective-C, Golang, HTML, Erlang, Java, JavaScript, Kotlin, NextJS, .NET, NodeJS, NextJS, Perl, PHP, Python, React, Ruby on Rails, Ruby, Shell, Swift, TypeScript, Vue.JS, CLI scripting skills (Bash), Micro services architecture, Spring, Spring Boot, Web3 JS, Open API specifications, Rest JSON API development

Experience designing, building, refactoring or operating large scale IT projects - either on premises or in the cloud

Experience with e-commerce, marketing technology, strategy, Asset Management environments and finance functions to define and prioritize M&A targets

Planning and directing all aspects of the Technology group, with direct accountability for acquiring market leading talent, managing internal/external resources

Identify potential acquisitions required to deliver the vision and lead execution on their integration

Track record of new product, module and service introductions, repositioning to new markets as evidenced by profitable growth, portfolio diversification, and expansion of market share

Ability to dive deep into details and have a data centric approach to problem solving

Implementation of innovative processes, strategies and methodologies to improve team morale and productivity; boosting engagement.

Certificates

- Amazon Web Services (AWS Certified Developer – Associate Level)
- Project Management Professional (PMP)
- Certified Information Systems Security Professional (CISSP)
- Certified Ethical Hacker (CEH)
- Oracle Application Express Developer Certified Expert (Oracle APEX)
- Certificate of Cloud Security Knowledge (CCSK)
- Cisco Certified Internetwork Expert (CCIE)
- Certified Scrum Master (CSM)
- OSCP (Offensive Security Certified Professional)

Projects

Binary Tree 🔗

First Missing Positive 🔗

Linked Link Cycle 🔗

Neural Network 🔗

Publications

Prefectural cancer treatment cooperation hospitals and regional cancer treatment cooperation hospitals
- **Under Review**

Providing specialized cancer care, Establishment of cooperation system for cancer medical care, Consultation support and information provision for cancer patients

Design of novel algorithms and machine architectures for high-speed molecular dynamics (MD) simulations of proteins and biological macromolecules.
- **Under Review**

Scientific research and technological development in the field of computational biochemistry

In Canada, Heroin addicts could have access to a safe drug supply at a reasonable price
- **Under Review**

The clinics took advantage of "special compassionate access to unapproved drugs" rules in the federal Ministry of Health, and were able to obtain a supply of medical heroin. (It was approved on an individual basis based on a physician's report, and had to be renewed every year).

Cannabidiol in Treatment of Autism Spectrum Disorder
- **Under Review**

The child patient responded positively to the introduction of CBD oil treatment with reduced negative behaviors, better sleep, and improved communication.

Languages

American Sign Language | English | French | German | Indonesian | Indonesian Sign Language | Japanese

Javanese | Malay | Mandarin Chinese | Spanish | Sundanese