SOCHAN **MAO**

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11+ years' IT professional experiences with various international organizations and world-class companies with initial background from Silicon Valley, North America. Master of IT Professional from Deakin University, **100 marks for Project Delivery, top 15% academic achievement**. I am fluent in English, French and Khmer. If you should employ me, it will be a decision you will never regret.

SKILLS

- Project Management, System Architect, Analysis and Programming.
- Technologies: Web and Windows application, Mobile Application, JavaScript, C#, NodeJS, ReactJS, .NET CORE, Python, JAVA, C++, C, IBM Cloud, Google Cloud, AZURE, MVC, MVVM, HTML5, jQuery, Bootstrap, CSS, OOP, Lua.
- Databases: Ms. SQL Server, MySQL, CloudantDB, MongoDB.

EDUCATION

JAN 2018 - DEC 2019
MASTER OF INFORMATION TECHNOLOGY (PROFESSIONAL), DEAKIN UNIVERSITY

Major: Software and Services Development, GPA/WAM: 80%.
Achievements   :
- EEG Brain Signals, Machine Learning to Control Sphero 2.0, a Major Thesis of MIT at Deakin, graded HD of 83%.
- Annotating Text using online vocabularies for CSIRO, NodeJS, CloudantDB, IBM Natural Language Understanding, RESTful API, Python, IBM Cloud, Git, graded HD of 100%.
- Mobile Application, HTML, CSS, JavaScript, AWS elasticbeanstalk, Git, graded HD of 81%.
- SOA Project, Be Your Chef, NodeJS, IBM Watson Chat bots, CloudantDB, IBM Cloud, Git.
- VR Development with Unity and VR Content creation with 3D Studio Max.
- Other technologies: Amazon Web Service (AWS), .NET CORE, Blockchain, Hyperledger Composer & Fabric, Docker.

OCT 2001 - JUN 2006
ENGINEER DIPLOMA, INSTITUTE OF TECHNOLOGY OF CAMBODIA

Major: Information Technology and Communication
Achievements:
- Programming languages: Pascal, Assembly 8085, C, C++, Java, OOP, Agile.
- Project Management with Agile, SCRUM.
- Designed Cross Words game by using C language.

NOV 2003 - SEP 2004
HARDWARE & SOFTWARE REPAIRING, NORTON UNIVERSITY, CAMBODIA

EXPERIENCE

MAR 2019 – JUN 2019

INTERSHIP IN IT, CENTRECOM, AUSTRALIA

Centrecom is a large company in retail electronic stores in Australia.

Duties:

- Designed SMS Gateway for Centrecom CORE. This module was designed in .NET Core 2.1, it was using HttpClient of .NET to call Wholesalesms API.
- A report to compare HttpClient, WebClient and HttpWebRequest, Microsoft has released these three classes to work on HTTP requests.

Skills:

- C#, .NET CORE 2.1, RESTful API, JavaScript, ReactJS.

Deliverable:

- SMS Gateway was built and integrated to Centrecom Core.

JUN 2013 – MAR 2017

IT ADVISOR, AECOM

AECOM Services Pty, Bilateral programs of Australian AID and Cambodia. I work with team leader and programs' advisors to provide IT solutions.

Duties:

- Built a web portal to display and map the Crime and Safety study results into Google maps in ASP.NET MVC3 C#.
- Print maps to be used in the commune police offices.
- Created an excel spreadsheet for Crime and Safety data entry from 1633 communes/sangkats in Cambodia.

Skills:

- Google Mapping Web Portal, SQL, LINQ for Microsoft SQL Server 2008 and 2014.
- Ajax, jQuery, Responsive Bootstrap, ASP.NET MVC3 C# Programming .net framework 4.0.
- Help Govt. counterparts in Data Management for evident-base management.
- Support Cambodia National Police to create DPLC security network.
- IT procurements, Train IT Skills to Cambodian counterparts.
- Crime Prevention, GBV and Community Policing.

Deliverables:

- Crime and Safety Data Study Result mapping on Google Map for management from National to Commune level.
- eCrime V3.0 with reports & graphics for national and provincial offices of Cambodia National Police.
- DPLC Security Network for CNP, can protect eCrime data, can be used for quick files sharing and video conference.
- Initiate to create a WhatsApp group to connect Police Post nationally for Community Policing program, this group is very active till now they are learning from each other for Community Policing Initiative.

APR 2012 – MAR 2013

IT ADVISOR, COFFEY INTERNATIONAL LTD

Coffey International Ltd, Bilateral Programs of Australian AID and Cambodia, Phnom Penh Cambodia. Several meetings were conducted with the counterparts, I did the requirement documents, scope of works then implementation.

Duties:
- Review and upgrade existing databases of CoA, CNP and GDoP to have report for evident-based management.
- Train officials from CoA, CNP and GDoP on how to operate the system.
- All IT procurements.

Skills:
- Data Analysis, SQL, LINQ of database SQL Server 2008, Report, Crystal report.
- ASP.NET MVC3 C# of Microsoft .NET Framework 4.0 and PDO PHP.
- Community Law and Justice.

Deliverables:
- Upgrade Case Management database of Phnom Penh Court of Appeals to have new criminal case registration forms with step by step for more easy case entry and create correct reports for evident-based management.
- Upgrade Prisoner Database of General Department of Prison to have reports for evident-based management.
- eCrime database V2.0 was launched successfully to be operated by police officials nationally.

JAN 2011 – JAN 2012
SENIOR WEB DEVELOPER, ANGKOR ONE CONSULTING

Angkor One Consulting, Phnom Penh, Cambodia (Outsourcing from USA). I led a web team, I talked to clients and US team via video conferences to discuss the requirements and project timeframes. I created a routine procedure which works regularly to manage daily million click records.

Duties:
- Manage ADAM to add new features as US client requirements; Worked together with US engineers.
- Join Mobile Development team to develop first Khmer game.

Skills:
- Asp.net, C#, AJAX & jQuery, SQL, Functions and Store Procedure and Trigger of Ms. SQL Server 2008.
- Mobile Developer in Android and Lua.

Deliverables:
- ADAM V2.0 were launched successfully with very much client satisfied.

AUG 2010 – DEC 2010
SENIOR PROGRAMMER, NCDD

National Committee for Sub-National Democratic Development Secretariat (NCDD), Phnom Penh, Cambodia. I led the team and I was responsible in infrastructure and Back-End.

Duties:
- Consolidate databases NCD, CDB, CDPD, DIS, etc. to produce national report with assigned indicators.

Skills:
- C#, MVC2 ASP.Net, Fluent NHibernate and jQuery.

Deliverables:
- Successful release MIS for management of NCDD to see annual reports

MAR 2010 – JUN 2010

IT CONSULTANT, UNDP CAMBODIA

It is a branch of United Nations Development Program (UNDP) based in Phnom Penh, Cambodia. It was an individual contract with UNDP which showed a challenge in new technology with a very short period.

Duties:
- Design Ms. SharePoint Application for Visa Attestation, Visa Renewal, Diplomatic Identity, Airport VIP Lounge, Vehicle Registration and Vehicle Plate Cancelation.

Skills:
- MS. SharePoint & C#, Smart web part, Advanced JavaScript.

Deliverables:
- Successful SharePoint Application were done to be used in UNDP Cambodia.

FEB 2006 – MAR 2010

IT CHIEF ENGINEER, MYSERVICE CORPORATION

MyService Corporation was based in Santa Clara, Silicon Valley, USA. My IT background was started here, I had learned with well-known experts from Europe, Japan and USA. I had led the team and solved problems.

Duties:
- IT Chief engineer to manage ConnectRetirement for North America.
- Similar to ConnectRetirement, built RisterGuru for Allianz Germany, the number one insurance company in the world.
- IT team leader, managed staffs and interns.
- Communicate with US clients for proposal of outsourcing projects and also local clients.

Skills:
- Project Management with Agile Development.
- ASP.NET, C# programming language of .net frame 2.0.
- 3 Tiers Architecture Data View and Business working like today MVC (Model View and Controller).
- MS. Access, Ms. SQL Server 2005, MySQL.
- CSS, Ajax, JavaScript and XML, Joomla, WordPress.

Deliverables:
- Web-portal for Insurance Corporation in USA called Connect Retirement, people who has been retirement or will be retired can join to get the retirement planning to earn more money when they retire
- Web-portal for Insurance Company in German Allianz, the world number 1 of insurance, uses to get its customers
- Khmer Unicode website, it was a website that had been classified more than 20 magazines and newspaper in Cambodia included other useful articles written by Cambodian author (21850 visitor for only 1 month from the launched date, but it was terminated by the end of budget and we cannot find someone to support it)
- POS (Point of Sale) web-based application used ASP.NET and C# 2.0
- Several local projects used ASP.NET and C# 2.0

ACTIVITIES/HOBIES

- I am ACS member; I always join most of events hosted by well-known people about strategies and technologies.
- Being a top 15% of academic achievement, I have been a Golden Key member to follow many activities in management, technologies, research and development.

LINKS

- **LinkedIn**: http://www.linkedin.com/in/sochanmao
- **GitHub**: https://github.com/sochan
- **Website**: https://sochan.github.io/sochan/

REFERENCE

Available upon request.