Yutai(Billour) Ou

Feb 22, 2021

<https://www.linkedin.com/in/billour-ou-a52097169/?locale=en_US>

**PROFILE**

Over 10-year software development experience, including **improved the system performance by 91.8%,** designing **a database total of** **8 million data records** and configuring corporate software systems, providing cloud support and service to clients, and leading in developing apps, as well as initiating and completing projects to serve the needs of corporates and clients.

* **Able to work under pressure while meeting deadlines**
* **Improving the query speed of the database index by 5 times.**
* Knowledge of Java, C#, Python, SQL, AWS, Data structures, Android apps development
* Completing customized projects, including customized enterprise resource planning, human-machine interface, warehouse automation, electronic approval system (Flowmaster), and fixed asset check app
* Experiencing in working with international IT professionals and clients
* Great communication skills in negotiating and coordinating differences
* Proactive and leadership quality

**EXPERIENCE**

Repon International Co., Ltd., Yunlin, Taiwan **Apr.** **2017 – Sep. 2020**

## Senior Software Engineer, Tech Lead

* Leader of Android App Systems Projects: leading a small team of 1-5 to work on customers’ demands in a full cycle, from planning, cross-departmental and factories co-ordination, database designing, OOD (Object-Oriented Design), user testing and feedback, version controlling (Git Version control), and system maintaining.
* **Designing and in charge of APS (Advanced Planning & Scheduling System) to streamline manufacturing and improved the performance by 91.8%.**
* Coordinating manufacturing locations in Taiwan and mainland China to make sure cost-effective and efficient operations from supply chain to production and delivery. The efficiency of the system access was improved, from **2 minutes 39 seconds** (per query) to **13** **seconds** (per query), saving up to **50,000 working hours**.
* Completing 4 new projects in three and half years, each lasting about half a year to one-and-half years.
* Using Microsoft SQL Server to design a total of 80 Tables, 7 Triggers, 120 Indexes, 5 Stored Procedures, and **a total of** **8 million data records.**

**National Yunlin University of Science and Technology, Yunlin, Taiwan Mar. 2016 – Dec. 2016**

**Senior Software Engineer**

* Leader of a software development team, working for Taiwan’s Ministry of Education, in charge of web front-end designing, including Responsive Web Design for PCs, tablets, and mobile.
* **Improving the query speed of the database index by 5 times.**
* **Uploading the course materials of 162 universities to the central database of Taiwan’s Ministry of Education.**
* Organizing a software operation training event involving all 162 universities in Taiwan, with more than 300 people participating.
* The software system has been online for six years and is still in use, with **6 million data records.**

**Eyelashes Co. Ltd., Taipei, Taiwan Jan. 2011 – Dec. 2015**

**Founder**

* Launching the online fashion store, selling ready-to-wear clothing, and creating revenue of US$480,000 per year.
* A 99.02% positive customer reviews after completing 30,000 orders
* Improving the process management by more than 60%, such as shortening the shipping time from 7-14 days to under 5 days
* Keeping the inventory at a low level within 5%
* Keeping the bad debt rate under 2%
* Conducting market research and surveys, and developing 23 popular products

**AdvancedTEK International Corp., Taipei, Taiwan** **Jan. 2010 – Dec. 2010**

## Software Engineer

* Using Object-Oriented Design(OOD) to design an HR project, as well as a promotion and marketing project for the Far EasTone (a telecommunications company).
* Using OOD to successfully solve a system integration problem between SAP and C#. The problem had not been solved by 7 engineers for half a year until I solved the problem.
* Successfully integrated two cross-departmental heterogeneous systems (SAP and Asp.net C#) and solved an SAP data transfer problem.

**AWARDS**

**First Place**

**The 2nd DSP (Digital Signal Processing) Creative Design Contest, Taiwan 2006**

(Organized by the **Ministry of Education, Taiwan**)

**PROFESSIONAL DEVELOPMENT**

**AWS Training, Asia 2020 - 2021**

* AWS re: Invent, Nov. 30 - Dec. 18, 2020 & JAN. 12-14, 2021
* AWS DEV DAY, Taipei, Taiwan, December 4, 2020, #A0641
* AWSome DAY, Taipei, Taiwan, October 28, #A0900
* AWS Certification, AWS Certified Security – Specialty, Taiwan, November 6, 2020
* AWS Cost Optimization Webinar AWS
* Using AWS S3 to set up a persional website:<https://www.billour.com/>。

# EDUCATION

**Bachelor of Computer Science and Information Engineering**

Southern Taiwan University of Technology, Tainan, Taiwan

**Reference available upon request**

**CERTIFICATION**

**Level B technician for computer hardware fabrication 2005**

Ministry of Labour, Taiwan

**Certification of Database Programming 2005** National Cheng Kung University, Tainan, Taiwan

**Level C technician for industrial electronics 2001** Ministry of Labour, Taiwan

striallectronics