**Applicant: Hardeep Singh**

**First part of my journey:**

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| 1976 to 1982 | Navy Diver  Republic of Singapore |
| 1984 to 1985 | Studied in Stamford College Singapore and received NCC UK Diploma in Computer Studies and C&G certificate in programming |
| 1986 to 1990 | Application Developer  National Bank of Kuwait, Singapore  Developed a front and back end treasury system, a loan portfolio management system and a trade finance system. |
| 1991 to 2003 | Freelance Developer  Privately developed a system for Margin Trading in Foreign Exchange and sold it to:  Credit Lyonnais, Singapore  Republic National Bank of Boston, Singapore  Credit Agricole, Singapore  Societte Genrale, Singapore  Gulf International Bank, Bahrain  National Abu Dhabi Bank, UAE  Qatar National Bank, Qatar  United Overseas Bank, Singapore  United Overseas Bank, Hong Kong  Nomura Bank, London    Privately developed a Treasury front and back and sold it to:  Credit Lyonnais, Singapore  Nomura Bank, Singapore  Bank Dagang Negara Indonesia, Indonesia  Bank Internasional Indonesia, Indonesia  Bank Buana Indonesia (now known as UOB Indonesia), Indonesia  Bank Ganesha Indonesia, Indonesia  Developed a Trade Finance System for  Bank Ganesha Indonesia, Indonesia  Developed an interface to REUTERS trading system for  Government Investment Corporation, Singapore,  Developed a Bank Teller System for  Bank Buana Indonesia (now known as UOB Indonesia), Indonesia |

**Second part of Journey**: In 1998. there was global financial crisis. I started a company and shifted focus from banks systems to retail systems.

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| 2003 to 2019 | Pt Sysbit Indonesia (founded and owned by me) |
|  | Client PT Mitra Adi Perkasa (PT MAP Indonesia)  **Applications**  Developed POS systems for Retail and F&B operations  Business Intelligence (SSIS, SSRS and SSAS)  Enterprise Service Bus (WSO2)  Workflows (Sharepoint)  Time management system  Interfaces to SAP  Android applications  **Project manager (managed for the following subsidiaires of PT MAP Indonesia)**  SAP Retail and ISS POS implementation for Map Active Philippines  SAP Retail and ISS POS implementation MAP Thailand  SAP Retail and ISS POS implementation MAP Vietnam  SAP Retail and ISS POS implementation for Pan West Malaysia  SAP Retail and ISS POS implementation for Pan West Singapore  Note: My client PT MAP Indonesia is Indonesia biggest retailer with 3,000 stores in Indonesia. My company was a major vendor providing software services to them. |

**Programming Languages**

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| **Code** | **Years** | **Pojects** | **Expertise** |
| C#.net | 10 | POS, Treasury Systems, Trade Finance, Enterpise Service Bus and etc | Super Expert |
| vb.net | 12 | POS, Treasury Systems, Trade Finance, Enterpise Service Bus and etc | Super Expert |
| asp.net | 8 | Web API projects | Expert - Moved to node for API |
| visual basic | 25 | Legacy projects migration and built a complete on Bank Teller System | Expert - not used for some time |
| tsql | 20 | Used in almost all projects in past 20 years including SSIS, SSAS & SSRS | Super Expert |
| java | 5 | Android applications with kotlin | Super Expert |
| javascript | 10 | SPA applications using Angualr Framwork | Super Expert |
| fowprow | 5 | Used in earlier days | Need to touch up |
| clipper | 4 | Used in earlier days | Not keen anymore in this language |
| vba | 10 | Used in Excel macros | Expert |