Justin Phan

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Summary

- *Quickly learn and master new technologies*; successful working in both teams and self-directed settings.
- Work hard to fulfill the vision of the company and exceed expectations.
- Details oriented in software development

Work Experience

Senior Software Engineer – Optum, UnitedHealth Group   **April 2021 - Present**
  Atlas Chatbot: Built Chatbot application supporting all internal employees.
  - Java Spring boot, Shell-script, Elastic Search, Redis Cache, Docker, CI/CD, Jenkins, Kubernetes, Openshift, NLP, AI/ML

Integration Architect - Technology Architecture & Innovation at CVS Health   **May 2019 - April 2021**
  Being part of a dynamic team within CVS's Enterprise Architecture. In the current role as an integration architect, I am focused on designing integrations that enable data exchanges b/w Aetna systems
- Applying integration technologies in the most appropriate fashion
- Produced efficient, cost-effective and secure integration designs to access business data that meet performance and security requirement
- Owner of Provider Domain: modeling all new solutions in this domain in the company's repository with highest standards.
- Integration Domain Lead assistant for Correspondence domain: serving as the Integration Domain backup, helps review and approve new integrations, solve issues related to the domains, putting new APIs into catalogs

  Project 1: For Interoperability Provider Directory implementation using HL7 FHIR:

− Transform existing data into HL7 FHIR 4.0.1 format for consumption by 3rd party applications

− Designing APIs to expose data in FHIR format
  Project 2: CVS multichannel chatbot: building the foundation for intelligent agent platform for CVS:
- Design the integration to get data from the existing backend service to feed into the chatbot with efficiency and security.
- Design the interface between the internal system and the vendor's API to implement its IA capabilities.

Central Connecticut State University – New Britain, CT
  Master of Science in Computer Science

Rutgers, the State University of New Jersey – New Brunswick, NJ
  Master of Science in Electrical and Computer Engineering

Rutgers, the State University of New Jersey – New Brunswick, NJ
  Bachelor of Science in Electrical and Computer Engineering

Certification

Certified SAFe® 5 Architect

Microsoft Certified: Azure Fundamentals

AWS Certified Solutions Architect - Associate

Technology Summary

- **Programming Languages**: Java, Python, JavaScript, HTML, CSS, JavaScript, JQuery, AJAX.
- **Relational Databases:** MySQL, SQLite,
- **NoSQL Databases**: ElasticSearch, MongoDB, Arora, DynamoDB, Aerospike, HBase,
- **Environment/Tools:** Eclipse, IntelliJ, Maven, GitHub
- **Testing:** Junit Testing
- **Web Services:** REST, SOAP
- **Cloud Computing**: Amazon Web Services (Bucket S3, EMR, Neptune, Time-Series Database), Google Cloud Computing, Azure, Heroku, ThinkSpeak
- **Data format**: XML, JSON
- **Workflow methodology:** Scaled Agile Framework, Iterative & Incremental development approaches, Continuous Integration and delivery
- **IBM tools:** IBM API Management (APIc), RSAD (IBM® Rational® Software Architect Designer)
- **CI/CD:** Docker, OpenShift, Kubernetes, and Jenkins
- **Cloud Technologies:** AWS – RDS, EC2, Route 53, S3, Load balancing
- **Others:** MATLAB, Android app development, Tomcat, source version control-Git, Windows, Linux

Awards & Others

- Recipient of the Outstanding Academic Performance of East Asian Center, all semesters - *Central Connecticut State University.*
- *Phi Kapa Phi member: the nation's oldest and most selective honor society for all academic disciplines.*
- *UB HACKATHON: 2nd Place Winning Team: product* **FeediGence** – an affordable fish feeding system backed with *state-of-art* IoT technology and Machine Learning – April 2019