

Ankit Arora (Certified AWS SAA | PSM-1)

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ABOUT ME

I am an **AWS Certified Solutions Architect - Associate** having 11+ years of software industry experience with strong analytical & technical skills. I have worked in multiple areas such as web development, application integrations, system architecture designing, team management & project management. I believe in lead by example practice & progressive SWOT analysis for professional growth.

TECHNICAL SKILLS (With hands-on experience):

- **1+ years:** React JS, Redux, React Hooks, Node JS, Express, React JS, Wordpress, SugarCRM 5, vTigerCRM 6, MS SQL, Firebase, FCM, MongoDB, Socket.io
- **3+ years:** HTML5, CSS3, Javascript, jQuery, CodeIgniter, Yii 2, Laravel 5, 7, AWS (EC2, SES, S3, SNS, RDS, SQS, API Gateway, Lambda, Elasticsearch), JPA, Spring Boot, Microservices, Spring Security, , Redis, Memcache, Queues, Apache Solr, Oracle, Apache Kafka
- **5+ years:** PHP (5, 7), Java 8, J2EE, Java Servlets, Spring, Hibernate, Drupal (7, 8), REST API (Basic Auth, OAuth2, API versioning, JWT), MySQL, OOP, TDD, BDD, SOLID, DRY

VERSION CONTROL & DEVOPS: GIT, GITHUB, GITLAB, BITBUCKET, Composer (Dependency Manager), NPM, JENKINS, Continuous Integration (CI) / Continuous Deployment (CD) , Docker

THIRD PARTY API's: Google Maps API, RETS API, Zillow API (Real Estate), Social Media (Facebook, Twitter, LinkedIn) API, SMS Gateway (Nexmo, Twilio), Paypal, Xendit

WEB/ APPLICATION SERVERS: Apache Web Server, Nginx, Apache Tomcat

TOOLS & METHODOLOGIES: NetBeans, Eclipse, IntelliJ, VS-Code, Jira, Slack, Scrum, Waterfall Approach, Agile Approach

OS: Linux (Ubuntu), Windows XP, 7, 8, 10, Mac OS (Mojave)

DATABASES: MySQL, Oracle, MS SQL

CERTIFICATIONS

- **AWS Solutions Architect - Associate** ([AWS SAA-C02](#))
- **Professional Scrum Master** ([PSM-1](#))

PROFESSIONAL SKILLS:

- **System Architecture Design:** Designed system architecture including database design as well as technology project architecture for multiple projects & defined various processes (HR, ERP, CRM, CMS, Accounts, IT) in the running systems to enhance their productivity. Design & deliver SAAS (Software As A Service) solutions.
- **Scrum Master:** Helped to understand scrum framework & its values to different teams in the organization. Make sure that all relevant events are happening within respective time bounds & only relevant & required members are participating in them. Exhibited the practice in teams to learn and improve as we grow.
- **Multiple Domain Knowledge:** Managed multiple domain projects (Health, Education, Insurance, eCommerce, Petroleum, Real Estate) with an ease to fulfill the end client needs in an impressive manner.
- **Team Management:** Groom development team (10+ members) to manage & deliver projects maintaining quality standards of the work within the deadline. Lead team of 10 + people by managing their work related activities and helped them to learn other professional development skills.
- **Client Communication:** Very comfortable to manage client communications. Managed verbal and written (chat & email) mode of communications in an effective manner.
- **Project Management:** Expertise in the Project Initiation, Planning, Execution, Quality Assurance & Closure. Along with that very good experience in Risk Management, Resource Management & Delivery Management.
- **Global Exposure:** Worked directly with a team of some of the big Singaporean clients like **Parkway Pantai, Shell, Beckman Coulter Inc., Centurion, Sistic** etc.

WORK EXPERIENCE

- **Equinix Singapore** (Jul 2021 to present) — #22-03, 79 Robinson Rd, Singapore 068897, Singapore.
 - **Senior Software Engineer**, Jul 2021 to present
- **Industrial Electronics Pte Ltd** (Sep 2019 to Jun 2021) — #05 Amazana Building, 50 MacPherson Road, Singapore.
 - **Senior Software Engineer**, Sep 2019 to Jun 2021
- **Ranosys Technologies Pvt Ltd** (Jan 2011 to Sep 2019) — E-141, Chatrala Circle, Sitapura, Jaipur.
 - **System Analyst**, May 2016 to Sep 2019
 - **Team Lead (Web Application Development)**, May 2013 to Apr 2016
 - **Software Engineer**, Jan 2011 to Apr 2013

PROJECT RESULTS

Worked as project manager, lead programmer and/or team member on dozens of projects. Delivered solution oriented services that consist of...

- **SAAS Solutions:** Strengthen their business vision & made profits in terms of money, connections & business expansions. A SAAS based solution offers users to create their mobile apps with a predefined theme and web backend to manage their app content on their own. It helps users to promote their businesses & help to connect with the world at very low cost using mobile apps.
 - [CreateApp Backend - Phase 1](#), [CreateApp - Phase 2](#)
 - **Role:** Lead Programmer, Team Lead (System Architect + Manager)
 - **Technology Stack:** CodeIgniter, PHP, JQuery, HTML5, CSS3, APNS, GCM
 - **Responsibilities:** Designed database tables & ERD, Designed API Stubs & Prepared detailed technical design documentation using AWS services architecture.
 - **Database:** MySQL
 - **Cloud:** AWS - VPC, EC2, RDS, S3, IAM, CloudWatch, CloudTrail, ELB, SES, SQS
- **Insurance Domain (Healthcare):** Designed system architecture for mobile applications & web based specialist portal for Parkway Pantai - one of the largest private healthcare providers in Asia. Also managed enhancements tasks for their existing system (as insurance provider) running from the last 10 years for multiple clients.
 - [My Health Wallet](#) (Mobile Apps)
 - **Role:** System Architect
 - **Responsibilities:** Designed database tables & ERD, Designed API Stubs & Prepared detailed technical design documentation
 - **Database:** MSSQL
 - **SPOS** (Web based Specialist portal) & **OHM** (Web based GP portal)
 - **Role:** System Architect
 - **Technology Stack:** Spring (Java - REST API), Hibernate, Angular (2), JQuery, HTML5, CSS3
 - **Responsibilities:** Designed database tables & ERD, Designed API Stubs & Prepared detailed technical design documentation.
 - **Database:** Oracle (11g)

- **Digitalization (System Automations):** Reduced their manual efforts by 90% with the provided automated system for managing their large & complex quotations and field service reports in an effective manner.
 - **Incident Management Portal:** Designed & developed couple of microservices for seamless multiple platform integrations (BMC, Mendix based apps) using Java & Spring Boot
 - **Role:** Lead Software Engineer
 - **Technology Stack:** Java 8, Spring Boot (Rest API), Redis Cache, Apache Solr, Apache Kafka
 - **Database:** Oracle (12g)
 - **Beckman Coulter - iPad Apps, Backend portal** (Beckman Coulter Inc. Provided very interactive & easy to use iPad apps to field service engineers of Beckman Coulter team for managing their FSR very effectively.)
 - **Role:** Team Lead (System Architect + Manager)
 - **Technology Stack:** Laravel 5.4, PHP 7, Javascript, JQuery, HTML5, CSS3
 - **Database:** MySQL
- **Energy & Petrochemical Domain:** Designed system architecture for iPad applications & web backend portal (internal use) for providing ease to their onsite workshop engineers who attend multiple equipment for repair & services on a daily basis. Provided a very interactive & selection based interface for submitting their long list of checklist items for a single equipment going through various stages (Cleaning, Dismantling, Repairing, Assembling, Testing).
 - **Shell** (iPad Apps & web backend portal)
 - **Role:** System Architect
 - **Technology Stack:** Spring Boot (REST API), Hibernate, React.js, JQuery, HTML5, CSS3
 - **Database:** MySQL
- **Intranet Solutions:**
 - **Centurion Corporation** (Web based HRM portal) - Prepared company specific portal to manage their employees & associated essential data like leaves, working days & shifts, salary setup, payroll, statistical reports, etc. more effectively.
 - **Role:** System Architect
 - **Responsibilities:** Designed database tables & ERD, Designed UML - Class Diagrams, API Stubs & prepared detailed technical design documentation
 - **Technology Stack:** Spring Boot (REST API), Hibernate, Javascript, JQuery, HTML5, CSS3
 - **Database:** MySQL
- **Real Estate Business Solutions:** A system which contains all the recent property info from **Central Coast Regional MLS** and provides various tools like comparative market analysis, pricing & equity retention calculator tools for helping the interested sellers.
 - [Listing Launcher](#)
 - **Role:** Team Lead (Lead Programmer + Manager)
 - **Technology Stack:** Yii 2, PHP, Javascript, JQuery, HTML5, CSS3
 - **Database:** MySQL (Effective usage of Views, Stored Procedures)
 - **Third Party Integration:** RETS API, Google MAPS API, Zillow API

- **eCommerce/ Retail Solutions:** Expanded businesses of various firms by giving them a very fast growing eCommerce based web (POS) as well as mobile app solutions (API Support).
 - **The Aroma Group (Indonesia)** - Providing mobile apps for brands to list out their menus, promotions, ads & for customers to get a variety of food options nearby. Along with a web based backend for revenue related reports & KPI statistics. Digital Wallet design and Elasticsearch integration for fast & effective search.
 - **Role:** System Analyst (Lead Programmer)
 - **Technology Stack:** Laravel 5.6 (Lucid Architecture), PHP 7, Javascript, JQuery, HTML5, CSS3, FCM, Firebase Realtime databases, Elasticsearch
 - **Database:** MySQL 5.8 (Effective usage of scheduled Events)
 - **Payment Integration:** Xendit (Indonesia's payment solution)

- **CMS Solutions:** Published visions of a large number of end clients to the market for promoting their business with CMS (Drupal, Wordpress) based solutions.
 - **Site Management Portal (Digital Transformation):** Provided a single portal for managing multiple sites (Wordpress/ Drupal) content & SEO trends to editors & publishers.
 - **Role:** Tech Lead + Lead Developer
 - Designed key architectural changes in terms of multiple sites & layout creation dynamically
 - Designed architecture & develop API for content publishing workflow from portal (Drupal 8) to multiple sites (Wordpress/ Drupal)
 - **Technology Stack:** Drupal 8, PHP 7, Javascript, JQuery, HTML5, CSS3, React JS, Elasticsearch, Node Js, Socket.io
 - **Database:** MySQL
 - **Third Party Integration:** Google Charts API

 - **Sistic Website Revamp (Booking Engine):** Provided revamped website & mobile apps for better user experience & smooth ticket purchase experience. Designed & developed Drupal 8 based headless website using node & react js.
 - **Role:** System Architect + Lead Developer
 - Designed architecture for modules like advertisements, promotions, attractions & event
 - Designed & developed the recommendation feature for showing most relevant events to users according to their site exploration activities
 - Designed architecture for REST API's (consume in website & mobile apps)
 - Designed architectural workflow for integration with their existing booking engine portal using React push events/ listeners
 - CI/ CD implementation using GIT pipeline
 - **Technology Stack:** Drupal 8, PHP 7, Javascript, JQuery, HTML5, CSS3, React JS, Node Js, Express
 - **Database:** MySQL
 - **Search API:** Elasticsearch

EDUCATION

- **B.Tech (63%) Computer Science, 2010 (JECRC, Jaipur)**
- **12th (86%) Science (PCM), 2005 (St. Vivekananda Sr. Sec. School, Bikaner)**
- **10th (80%), 2003 (St. Vivekananda Sr. Sec. School, Bikaner)**

LANGUAGES: English, Hindi