

Prasad Akmar

pakmar1.github.io | pnakmar@gmail.com | 9404064714 | Gurugram, IN

Summary: Software Engineer with 8+ years of experience in designing, developing web apps, and customer experience solutions

LINKS

Github:// [pakmar1](#)

LinkedIn:// [prasad-akmar](#)

EDUCATION

UNIVERSITY OF MARYLAND BALTIMORE COUNTY

MS IN COMPUTER SCIENCE

May 2019 | Baltimore, MD

UNIVERSITY OF PUNE

BE IN COMPUTER ENGG.

May 2012 | Pune, India

SKILLS

PROGRAMMING

Advanced:

• Java • JavaScript

Proficient:

• Python • C# • Shell

Familiar:

• C/C++ • CSS

TECHNOLOGIES

Libraries & Frameworks:

• Spring Boot • NodeJS

Databases & MQ:

• SQL • MongoDB • BigQuery

• Apache Kafka

Cloud Platforms:

• Azure • GCP

• NICE IVR Platform

Architectures:

• MVC • MVVM • Microservice

COURSEWORK

GRADUATE

Semantic Web

Mobile Computing

Quantum Computation

Introduction to Data Science

Service Oriented Computing

Principles of Database Systems

Scripting Languages (*Graduate Asst*)

Cryptography (*Graduate Asst*)

UNDERGRADUATE

Operating Systems

Computer Architecture

Design & Analysis of Algorithms

Artificial Intelligence + Practicum

EXPERIENCE

WALMART GLOBAL TECH | SENIOR SOFTWARE ENGINEER

May 2019 – Feb 2022 | Bentonville, AR

Mar 2022 - Present | Gurugram, IN

- Designed, developed & support Generative AI powered conversational IVR, chat solutions for various Walmart businesses across multiple geographies.
- Integrated Google Dialogflow, Oracle Service Cloud (CRM), VHT Mindful, OpenMethods Harmony with NICE IVR platform
- Built a custom CI/CD solution to support IVR flow development
- Planned & performed IVR holiday readiness activities involving re-designing the IVR system architecture to support higher holiday volumes according to business requirements & volume forecasts, carried out performance testing.
- Reduced cost, increased reliability of the back-end services by atleast 30% by using containerization & Kubernetes on Walmart cloud native platform.
- Increased system health visibility by tracking availability & latency.

MOBILE, PERVASIVE & SENSOR SYSTEMS LAB | RESEARCHER

Feb 2018 – Feb 2019 | Baltimore, MD

- Devised an algorithm to identify periodic limb movements in patients with sleep disorders using IMU sensor data.
- Built an Android app to track the history of patient's sensor gathered information.

IVY MORTGAGE INC | SOFTWARE ENGINEER, INTERN

Sept 2018 - Dec 2018 | Fulton, MD

- Undertook complete ownership of a web application based on MVC framework for a Home Mortgage Provider system.
- Integrated DocuSign, Payments APIs, Google SSO.

USABAL SOLUTIONS | COMPUTER DEVELOPER, INTERN

Jun 2018 - Aug 2018 | Columbia, MD

- Designed and developed a webapp with cross-platform UI in MVC framework.
- Implemented microservice architecture to increase reliability in web services in a monolithic application.

INFOSYS LIMITED | SENIOR SYSTEMS ENGINEER

Feb 2014 - Dec 2016 | Hyderabad / Pune, India

- Developed web services supporting a customer-facing website for E.ON SE
- Developed of proof of concepts & proposals that resulted in project contracts
- Demonstrated expertise in Oracle database application log analysis, root cause analysis for data discrepancies Nike Commodities database
- Articulated standard procedures for set up activities, routine jobs, and action items improving MTTR by upto 50%.

PROJECTS

RESTEAZE | SEPT 2018 - FEB 2019

- Built a system to detect sleep apnea with help of leg movements
 - Worked on determining periodic leg movements using IMU sensor data to determine sleep disorders
- Technologies: Python, MATLAB**