Prasad Akmar

pakmar1.github.io | pnakmar@gmail.com | 443.648.6812 | 2500 SW Ryder St, Bentonville, AR

Summary: Passionate Software Engineer with 5+ years of experience in designing, development and supporting web development

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:
• JavaScript • Java • C#
Proficient:
• Python • C/C++ • Shell
Familiar:
• PHP • MATLAB • CSS

TECHNOLOGIES
Libraries & Frameworks:
• NodeJS • React • JQuery
• Spring Boot
Databases:
• Oracle PL/SQL • BigQuery • Firebase
Cloud Platofrms:
• Azure • GCP
Architectures:
• MVC • MVVM • Microservice
• Cloud Native

COURSEWORK

GRADUATE
Semantic Web
Mobile Computing
Quantum Computation
Introduction to Data Science
Service Oriented Computing
Principles of Database Systems
Scripting Languages *(Graduate Asst)*
Cryptology *(Graduate Asst)*

UNDERGRADUATE
Operating Systems
Computer Architecture
Design & Analysis of Algorithms
Artificial Intelligence + Practicum

EXPERIENCE

WALMART INC | Software Engineer 3
May 2019 – Present | Bentonville, AR
- Design, develop & support DTMF and conversational IVR systems, and services for Walmart eComm, stores, Sam's Club, H&W and Walmart internal services.
- Successfully implemented Google Contact Center AI conversational IVR, increased accuracy of the machine learning model by upto 40% in interactive voice response system using BigQuery reporting.
- Reduced cost, increased reliability of the back-end services by atleast 30% by using containerization & Kubernetes on Walmart cloud native platform.
- Helped architect and build COVID vaccine IVR for Walmart US within 4 weeks.
- Helped IVR holiday readiness activities including re-designing the architecture, perform stress testing, and advanced technical support.

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 corss-platform UI in MVC framework.
- Implemented micro services architecture to increase reliability in web services in a monolithic application.

INFOSYS LIMITED | Senior Systems Engineer
Feb 2014 - Dec 2016 | Hyderabad / Pune, India
- Developed & supported web services on in a customer facing website for E.ON SE
- Participated in development of proof of concepts & proposals which have landed six-figure 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
  Technoglogies: Python, MATLAB