Saumya Bhasin

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OBJECTIVE

Software Engineer seeking opportunities to utilize my technical background and professional experience to contribute towards the growth of the organization.

EDUCATION

- Masters in Software Engineering, San Jose State University
  Jan 2017-Dec 2018
- Bachelor of Engineering, Computer Engineering, Bharati Vidyapeeth College of Engineering for Women, India.
  July 2008-May 2012

TECHNICAL SKILLS

Languages: Java, Python, C
Database: Microsoft SQL Server Management Studio, MySQL
Tools: Eclipse, TIBCO Business Studio, TIBCO Business Works
Web Technologies: HTML, CSS, XML, JSON, JavaScript, Node.js
Cloud Technologies: IBM Bluemix, AWS
Other: Docker, XPDL, BPMN, Web Services, SOAP

EXPERIENCE

- **Dynatech Information Systems, Durban**   **Nov2013 – Dec2016**
  Software Developer
- Successfully developed and implemented quality BPM products using TIBCO Active Matrix BPM for projects of eThekwini Municipality, Durban.
- Designed and developed UI forms, Organization model, Business Object models (BOM) and XML Process Definition Language (XPDL).
- Good understanding of Service Oriented Architecture (SOA) and Web Services, SOAP, WSDL.
- Reduced production bugs of the process by 25% based on client data.

- **Kurinchysoft Consulting Services, Durban**   **March2013 - Oct2013**
  Software Developer
- Successfully designed and developed user interface using JSP, Servlets and HTML.
- Actively involved in all phases of development, including prototyping, analysis, design and implementation.

PROJECTS

- **Epidemic Alert System**
- Developed a blockchain application using Hyperledger Fabric framework to track list of disease identified and notify citizen in case of an outbreak.
- Implemented NodeJS server to interact with IBM chaincode for all operations.

- **Face Recognition System**
- Developed and implemented photo ID scan upload using python Flask, bootstrap, OpenCV Tool, and saved into database MySQL.
- Calculated the match score for the live image photo against the original stored in the database.

- **Crowd-Sourced MTaaS- Community Tester Manager component**
- Developed software component to manage free-lanced mobile testers using PHP, MySQL, HTML, CSS and AWS.
- Designed and implemented load-balancing and auto-scaling in AWS.

- **Pizza Ordering System**
- Developed a pizza ordering system using AWS Lambda to handle business logic, AWS API gateway for REST, and DynamoDB for data persistence.
- Implemented CRUD operations to manage menu for any pizza store.

ACHIEVEMENTS

- Published paper on final year project SPARSH-A Reconfigurable Touch Screen Keyboard, in International Journal of Computer Applications – IJCA in April 2012.