

Experienced developer with proficiency in Java, Full stack & Android development. Able to mold as per the needs of employer & experienced in playing diverse roles. Proven capabilities during tenure of 2 years with one of the world's largest MNCs.

### **PROFESSIONAL EXPERIENCE**

**Software Engineer-Java Developer**

**Accenture Services Pvt. Ltd**

**Aug-14 – Aug-16**

#### **Skills/Experience Summary –**

**Client – Volkswagen, Germany**

- 2 years of demonstrated experience in design and development of Customer relationship management tools for Volkswagen group using Java/J2EE technology stacks along with frameworks like Spring and Hibernate.
- Responsibilities involved developing tech-solutions, modules with RESTful backend, handling JIRA issue tracking system, sharing work quality reports with the client, guiding junior resources and deputizing scrum master in his absence.

#### **Accomplishments –**

- Appreciation received for regularly analyzing and sharing reports about quality of team's work which resulted in **37% improvement** in overall team performance within 1 year.
- One major promotion to the post of Software Engineer within 1 year.

### **EDUCATIONAL BACKGROUND**

**Master of Science**

**San Jose State University, USA**

**Aug16-Pursuing**

**Major – Software Engineering**

**Specialization – Enterprise Software Technologies**

### **MAJOR PROJECTS**

**FULL STACK PROJECTS – <https://github.com/pavanshah/FullStackProjects>**

#### **Airbnb Prototype with Auction**

- Developed an end-to-end replica of Airbnb marketplace with all the modern functionalities like booking, searching, auctioning, posting a property, bill generation, analytics, host dashboard.
- Redis caching, Connection pooling, Google search API and pagination are used for better performance

#### **HelpMyUsers Customer Engagement Platform**

- Designed a software solution for website owners to increase customer engagement & growth to their website.
- It generates custom JavaScript for in-app guided tours, messages, surveys, callouts specific to owner's website.
- The tool also provides an analytics dashboard for continuous monitoring of results.

**JAVA PROJECTS – <https://github.com/pavanshah/JavaProjects>**

#### **A Modern Job Portal with server hosted on AWS**

- Developed a job portal for companies and job seekers using Spring MVC, JPA, AngularJS with cloud based server.
- Provides facilities like posting, applying for jobs, manage profile, job filtering, mark interested, interview scheduling.

#### **Peruvian Flip Coin Multiplayer Game**

- Designed a multiplayer game with server hosted on Docker cloud
- Smartly performs a coin toss using simple cryptography and logic circuit for 2 parties which are physically apart.

**ANDROID PROJECTS – <https://github.com/pavanshah/AndroidProjects>**

#### **BuddySquare Social Network for Android with RESTful server**

- Designed a social networking app with facilities like add friends, send messages, timeline, profile management etc.
- Session management implemented, volley library is used for communicating with server hosted on AWS.

#### **Global Mortgage Calculator for Android**

- Developed a calculator to find monthly mortgage amount based on property, interest rate & down payment.
- Google location and maps API and SQLite database are used to find and store properties and calculations.

### **TECHNICAL SKILLS**

**Languages:**

Java, C, C++, JavaScript, SQL

**Web Technologies:**

Node.js, AngularJS, MEAN Stack, Full Stack, jQuery, HTML5, CSS, Bootstrap

**Other Technologies:**

Android Development, IBM Bluemix, AWS, Docker, Spring, Hibernate, GitHub

**Databases:**

MySQL, MongoDB, Firebase, SQLite