

**Alkesh Himmatrao Mahajan**  
**Email:** alkeshmahajan0@gmail.com

+91-7620070706

---

A skilled professional with **2.8 Years** of experience in the field of Information Technology, primarily in Software development. With major exposure in lieu towards Impact Analysis, Coding . Experience in working as a Software Engineer in leading assignments using SDLC methodologies across Banking domains.

#### PROFFESIONAL CONTOUR

Jun 2017 to Present	RBL bank as Officer Information Technology(Software Engineer).
Feb 2017 to Jun 2017	Bridgelabz Solution Pvt Ltd as Software Engineer.

#### Summary of Qualifications

---

#### Technical Proficiency

Domain	Information Technology
Language	Swift, Core Java
Scripting	Python, Shell (Basic)
OS	Windows, Ubuntu, Mac, rhel
DB	Oracle 10g,MySQL,pymongo.
Cloud Computing	EC2,EMR, Lambda, Glue, Athena , S3, Transcribe, Cloud watch.

#### Academia

Graduate in Computer Engineering from S.S.V.P.S's B.S.Deore college of engineering, Dhule.

#### Certifications:

**Ultimate AWS Certified Solutions Architect Associate** course by Coursera  
**Learn Amazon Web Services (AWS): The complete introduction** course by Udemy  
**AWS Fundamentals** course by Coursera

#### Professional Summary

- **2.4 years** of experience as Software developer in **Web Application Development**.
- Fair experience of working in **Bank domain** in **RBL Bank**.
- Professional level IT expertise with significant experience in Web applications, Software application, Mobile application development and continuous improvements/enhancements.
- Experience in Rest API.
- Successfully completed multiple projects.
- Ability to work as an individual or as a part of a team effectively.

## PROFESSIONAL DEVELOPMENT

---

RBL Bank

Dec' 18 – Present

### PROJECT 1:Data lake (ETL)

**Tools/Technologies:** AWS services, Apache Nifi , Big data, Python, Shell

**Roles and Responsibilities:**

- Involved in development and deployment.
- Involved in decision making and problem solving with the team.

**Project Summary**

<b>Data lake (Bigdata)</b>	<p><b>Scope:</b> Stored raw data into tabular form on cloud (Automation).</p> <p><b>Functional Insights:</b> This project <b>extract</b> data from raw files and <b>transform</b> into hive tables using EMR and <b>load</b> on AWS S3 bucket. It is a recurring activity.</p> <p><b>Technical Insights:</b> Everything is done on <b>cloud</b>. From EC2 instance to S3 bucket data pipeline is done by <b>Apache Nifi</b>. <b>Hive</b> and <b>Spark</b> is for table creation. All Background works done by <b>Python</b> and <b>Shell scripts</b>.</p>
----------------------------	---

### PROJECT 2:Company Research Model

**Tools/Technologies :** Python, Flask, IBM Watson Discovery services

My primary responsibility was designing and development of the complete application along with deployment of the application.

**Roles and Responsibilities:**

- **Involved in Estimation/Planning/Requirement gathering development and deployment.**
- **Technical design and detailed technical analysis.**
- Experience in analyzing impact of the code changes, preparation of Impact analysis documents.
- Aggressively involved in decision making and problem solving with the team.

**Project Summary**

<b>Company Research Model (Scraper)</b>	<p><b>Scope:</b> Gather financial data from different websites.</p> <p><b>Functional Insights:</b> This Web Application is used to gather financial data like Operating Margin, Net Margin etc. and financial news from different websites.</p> <p><b>Technical Insights:</b> Web scraping is a technique to extract information from websites. BeautifulSoup is a Python library used to extract information and this information is displayed on HTML page using <b>Flask</b> (Framework of Python).</p>
---	--

### PROJECT 3: Verification(API's)

**Tools/Technologies:** Python, Flask, Selenium

**Roles and Responsibilities:**

- Single Handled Project.
- Involved in Estimation/Planning and development.

**Project Summary**

Verification(API's)	<p><b>Scope:</b> API's are First Solve CAPTCHA then fetch user/company details.</p> <p><b>Functional Insights:</b> API's are fetch detail from websites like PAN or Vehicles Details, Income Tax Status etc. Some web site have captcha, So first resolve captcha using pytesseract . Final Output in JSON format.</p> <p><b>Technical Insights:</b> <b>Selenium</b> is used to automate web browser interaction, so scripts can automatically perform the same interactions that any user can perform manually, <b>pytesseract</b> is an optical character recognition engine by Google used to extract text from the image.</p>
---------------------	---

### PROJECT 4: Optical Character Recognition (OCR)

**Tools/Technologies:** Python ,openCV

**Roles and Responsibilities:**

- Involved in Estimation/Planning and development.

**Project Summary**

Optical Character Recognition (OCR)	<p><b>Scope:</b> OCR .</p> <p><b>Functional Insights:</b> OCR is Application that scans image identifies text and classifies the pattern.</p> <p><b>Technical Insights:</b> <b>pytesseract</b> is an optical character recognition engine by google used to extract text from the image. The objective is to detect the object in the image, <b>opencv</b> is used for real-time computer vision and image processing.</p>
-------------------------------------	--

### PROJECT 4:MoBank in iMessage

### **Tools/Technologies: Swift 3**

My primary responsibility was to design complete flow of the project and development of complete application.

### **Roles and Responsibilities:**

- Involved in Estimation/Planning and development.
- Design and implementation.

### **Project Summary**

<b>MoBank in iMessage</b>	<b>Scope:</b> integrating the mobank app in iMessage.  <b>Functional Insights:</b> To integrate RBL mobank app in iMessage where we can use to Make a request payment and check balance in account  <b>Technical Insights:</b> Calling RBL Mobank API's using swift within iMessage Extension where User make payment to another user or request payment from friend without leaving the chat window and user can check balance.
---------------------------	--

**Bridgelabz Solution Pvt Ltd**

**Feb' 17 – Jun' 18**

### **PROJECT 1: ToDoFull Stack App**

**Tools/Technologies: Swift 3:** SDWebImage, Canvas Animation, FSCalendar, SwiftyJSON.

As **Software Developer** my primary responsibility development of various modules, change requests, configuration and setup related activities.

### **Roles and Responsibilities:**

- Development and implementation on various modules using **SWIFT 3**.
- Single Handled complete Project.

### **Project Summary:**

<b>ToDoFull Stack App</b>	<b>Scope:</b> Mimic of <b>Google KEEP</b> .  <b>Technical Insights:</b> IOS App with Responsive Design, Card Based UI, Navigation Panel, Search Bar, Ability to drag and drop notes, and Show notes in list and grid view etc. Each card was designed with an editor, toolbars and menus to provide the user friendly access MYSQL used to store the data.
---------------------------	--

### **Other Projects In RBL:**

**JSON Parser :** Large JSON parser and Automation using aws.

**ThoughtSpot :** ThoughtSpot implantation

**R Module Automation:** Automate R module on rhel.