

# Renu Parameswaran

485 Glenmoor Circle, Milpitas, California, 95035 | +1(408)564-3664 | renu.parameswaran@gmail.com

*Seeking a position as a full-stack software developer to meet new challenges and provide innovative solutions in the software industry field.*

## EXPERIENCE

---

**Tata Consultancy Services Limited**, Chennai, India  
*Assistant System Engineer*

June 2015- June 2016

- Experience with Agile SDLC methodology and domain knowledge in UK Mortgages and Banking & Financial Services.
- Designing and developing Bank Statements using real time customer data.
- Optimized the time spent in creating bank statements and efficiently distributing it to its retail banking customers.

## TECHNICAL SKILLS

---

- **Programming Languages:** C, C++, Core Java, Python, MATLAB, UNIX shell scripting, SQL
- **Database:** MySQL, Microsoft SQL Server, MongoDB, DB2, Oracle 12gg
- **Web Technologies:** HTML/5, CSS, JavaScript, PHP, JSON, REST, Flask, XML, JSON, Java Script
- **Tools/Technology:** Git, Visual Studios, HP Exstream Dialogue V7, Docker
- **Administrative Software's:** Microsoft word, Microsoft excel, MS PowerPoint

## PROJECTS AND PUBLICATIONS

---

- Developed and deployed a Chatbot Application in AWS cloud services using Slack API in Python implementing machine learning algorithm and using Natural Language processing (NLP) tool and Elastic Search techniques.
- Presented the final year research project on Portfolio prediction of stocks using Black-Litterman model: An optimization model using Genetic algorithm and MATLAB, August 2014 to May 2015.
- Published a research paper titled "A Postulatory Study on Portfolio Optimization Algorithms: A Survey" based on the results obtained from the research project on a scopus-indexed journal.
- Hosted an E-Commerce Website application like Amazon using PHP, Java Script and MySQL which includes features like Facebook, Google and PayPal integration.

## EDUCATION

---

**SAN JOSE STATE UNIVERSITY**, San Jose, CA

Jan 2017- Present

*M.S. in Computer Software Engineering , Expected graduation: December 2018 ;CGPA:3.76*

-Pursuing coursework in Enterprise Distributed Systems and Enterprise Application Software Technologies

**AMRITA VISHWA VIDYAPEETHAM** , Coimbatore, Tamil Nadu,  
India

Aug 2011- May 2015

*B.Tech in Computer Science and Engineering ;CGPA:7.72*