

Ramaseshan Parthasarathy

ramaseshan.par@gmail.com ❖ https://ramaseshan.dev ❖ (609) 647-3422 ❖ Chesterfield, NJ

WORK EXPERIENCE

Edmunds GovTech

– *Software Concept Developer*

April 2021 – Present

Northfield, NJ

- Worked with a Java Spring-Angular full stack environment to modernize software that serves local governments
- Leveraged ability to quickly understand a large codebase, yielding 25% bugs fixed and 15% higher productivity

Key Projects

- Introduced Jira ticket creation in the application availing its API to simplify QA and product issue tracking
- Developed a context-aware service that allows users to upload and view process and help documentation

Stonewain Systems, Inc.

– *Software Developer*

September 2018 – April 2021

Berkeley Heights, NJ

- Utilized Spring to develop Java business classes and Camel jobs that generate, send, process, and calculate data
- Improved application performance approximately 20% by refactoring old Oracle queries and stored procedures

Key Projects

- Enhanced functionality of reporting engine by implementing custom Excel, CSV, and TXT export options
- Incubated a data-analytics project that utilizes machine learning in Python to predict securities lending rates

Stonewain Systems, Inc.

– *Software Developer Intern*

June 2018 – September 2018

Berkeley Heights, NJ

- Designed, implemented, and tested Jasper reports for financial institutions using Oracle 12c stored procedures
- Reconciled discrepancies in client reports and updated them based on new requirements and system changes

Archangel Raphael's Mission

– *Volunteer Software Engineer Intern*

October 2017 – April 2018

New Brunswick, NJ

- Developed and maintained the website at armnewbrunswick.org for a local charity with 100% uptime
- Designed the frontend using Python's Jinja templating engine, Bootstrap, JavaScript, and JQuery
- Created a Flask REST API to serve the templates and integrated Stripe API to accept donations

SKILLS

- **Languages** Java, SQL, Python, HTML/CSS, JavaScript, C, L^AT_EX
- **Frameworks** Spring, Hibernate, Angular, Apache Camel, Mockito, Flask, Node.js
- **Libraries** SQLAlchemy, BeautifulSoup, boto3, scikit-learn, NumPy
- **Database** Stored Procedures, Functions, Triggers, Indexes
- **Workflow** Linux, Git, JIRA, Harp.js, Jaspersoft Studio, Heroku

AWARDS & CERTIFICATIONS

- Visharad Purna in Tabla, equivalent to B.A. in Music – issued by Madhyam January 2020
- 4th Place, HackRU – Rutgers University, New Brunswick April 2017

EDUCATION

Rutgers University

B.S. in Computer Science and Computer Engineering

September 2014 – May 2018

New Brunswick, NJ