NAVEENKUMAR SHANMUGAM
Technical Lead

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⌗ https://github.com/NavGit22

🌐 https://navgit22.github.io/

Profile

IT Consultant with 14+ Years of experience in Application programming. Worked with leading Banks in US & Canada and possess high proficiency in Banking domain (11+ Years of experience in Core Banking Systems). Possess excellent Comprehensive problem-solving and interpersonal skills. Quickly adaptable to any kind of role and environment. Proven track record in Delivery Excellence and Application programming. Worked closely with Customers, Business and Support teams and possess excellent presentation skills. Exceptional ability in building and maintaining client relationship.

Possess 6+ months of Hands-On experience in development of GUI based applications using Python, Web based applications using (HTML, CSS, JS, Bootstrap, Python), Automation scripts, and API programming using Python.

Possess 5 Years of experience in FIS Advanced Loan Systems product and 5+ Years of experience in in-house Mortgage Core Banking Applications. Acquired strong knowledge in Mainframe ALS GN Architecture, API/RPI, PL1, DB2 and COBOL programming.

Employment History

July 2011– Present
Associate Consultant ● 11 years ● TATA Consultancy Services, Chennai, TN.

September 2007 – November 2010
Senior Software Engineer ● 3 years 2 months ● Keane International (INDIA) Private Ltd, Chennai, TN.

Achievements

- Successful automation of production data fix process in Bank of America ALS application which optimized the pre-implementation activities.
- Daily Balancing Reports using General Ledger, Transaction Log and System reports which helps mortgage operations team to easily identify root cause of any discrepancies occurring during their reconciliation activity.

Skills

- **Front-End Web Development** (HTML5, CSS 3, Bootstrap, JavaScript)
- **GUI Desktop App** (Python, Game Development, Turtle, Tkinter)
- **Back-End Development** (Python, Flask, REST, APIs)
- **Databases** (SQLite, PostgreSQL)
- **Git & GitHub**
- **Web Deployment** (Authentication, Web Design, Heroku and Gunicorn)
- **Scripting and Automation** (Web Scraping, Beautiful Soup, Selenium Web Driver, Request)
- **API testing** – Postman
- **Python 3 IDE** (PyCharm)
- **Web Development IDE** (ATOM)
- **IBM Mainframe** (COBOL, PL1, JCL, VSAM, CICS and DB2)
- **IBM Mainframe ALS** (COBOL, API, RPI, JCL, VSAM, CICS and REXX)
- **Mainframe Scheduler** (ESP, CA7)
- **Mainframe Tools:** File-Aid, Changeman, Endevor, File-Manager, Eztrieve, Container

Awards & Recognitions

Contextual Master Award - Feb 21

On The Spot Award for Delivery Excellence - Jun 21, May 20, Nov 18, Oct 18, Sep 16, Oct 14, Jun 14 and Jun 13

Service Commitment Award - July 21

Digital Learning Award - Feb 20

Certifications

TCS Business Domain Academy
* Banking Foundation
* Canadian Banking
* Core Banking Solutions
* Retail Banking Functions & Delivery Channels
* Commercial Lending
* US Mortgages
* Digital Banking Foundation

Training

AWS Cloud Practitioner – Udemy

100 Days of Code: The Complete Python Professional Bootcamp – Udemy

Education

Bachelor of Engineering in Computer Science, P.S.G College of Engineering, Coimbatore, India
July 2003 – April 2007

Strengths

* Eager to learn new skills
* Time management
* Collaborative

Languages

English, Tamil

Personal Projects

Python Development
Developer
February 2022 - Present

Portfolio Website	• Portfolio Website showcases my professional work, skills, interests, personal work and my creative work • **Developed Using:** HTML, CSS, Bootstrap, JavaScript
Working Cafes Site	• A website to display the cafes with its facilities and allow user to suggest places as well. • **Developed Using:** HTML, CSS, Bootstrap, Flask, SQLAlchemy, Gravatar, SQLite, REST API
To-Do Website	• A website to track your to do tasks. User need to register first to add and track to do tasks. • **Developed Using:** HTML, CSS, Bootstrap, Flask, SQLAlchemy, Gravatar, SQLite, REST API
Image Color Palette Generator	• A web-based application to generate top 10 colors from the uploaded image • **Developed Using:** HTML, CSS, Flask, PIL
API based Website	• A Flask based Web application which pulls data from API endpoint by invoking various input parameters. • **Developed Using:** HTML, CSS, Flask, Request
An Online Shop	• An e-commerce website for selling your products. • **Developed Using:** HTML, CSS, Bootstrap, Flask, SQLAlchemy, Gravatar, SQLite, REST API
Custom Web Scraper	• A python program to scrape the HTML pages and generate CSV file using the scraped data. Data scraped from IMDB to get top 100 famous movies and from recipes site to get 30 chicken recipes. • **Developed Using:** Beautiful Soup, Request, Pandas
Cookie Clicker Bot	• A Python script to automate clicking of the cookie on a webpage game and purchase goodies with the money earned. • **Developed Using:** Selenium Web-Driver
LinkedIn Autobot	• A Python script to automate the process of signing into LinkedIn account, searching for Python Developer jobs posted within last 24 hours for Associate and Mid-Senior Level Roles and saving those jobs • **Developed Using:** Selenium Web-Driver
Internet Speed Twitter Bot	• A Python script to automate the process of getting the internet speed and tweeting the Internet Service Provider in Twitter when the speed is very low. • **Developed Using:** Selenium Web-Driver
Amazon Price Checker	• A Python program to read the CSV file for Products, Check the current online price against Target Price in the CSV file if Price is less than Target Price, Send Alert email to the user. • **Developed Using:** Beautiful Soup, Request, Pandas, smtplib
Password Manager	• A GUI based application to manage your passwords for various websites in JSON file. • **Developed Using:** Tkinter Library, pyperclip, JSON
Disappearing Text Writing App	• A GUI based application to play around disappearing writing text functionality. • **Developed Using:** Tkinter Library with COUNTER logic
Convert PDF to Audiobook	• A GUI based application to convert PDF to Audiobook • **Developed Using:** Tkinter Library, PyPDF2, GTTS, Threading
Image Watermarking App	• A GUI based applications for watermarking your images at one go • **Developed Using:** Tkinter Library
Typing Speed Test App	• A GUI based applications for testing your typing speed. • **Developed Using:** Tkinter Library

Morse Code	• A text-based programs to convert strings into Morse code. • **Developed Using:** Dictionary
TicTacToe Game	• A text-based programs for playing 3X3 TicTacToe game. • **Developed Using:** Dictionary
Games	• A GUI based Pong, Break Out, Space Invaders games • **Developed Using:** Turtle Library with Object Oriented Programming Concepts

Client History

Bank of Montreal – Mortgage
Technical Lead
Team Size: 8
November 2016 – Present

- Managed Offshore team (Reviewed the deliverables, and clarified ambiguities in the requirements)
- Responsible to provide immediate resolution/response to the incident/business requests and track the requests in ServiceNow tool till the closure.
- Responsible to analyze requirements of all initiatives/change requests and provide feasible solutions for integrating the changes in the system with Estimation and High Level/Low Level Design documents.
- Presentation of Design to all stakeholders (Customer, Development Team, Environment Team, DB Team, Level 1 Support Team and QA Team).
- Responsible to complete the Code Build & Unit Testing and deploy the change to QA within the stipulated time.
- Prepare Test Results documents of the test cases tested at Unit, Integration and System Level.
- Review Functional/Regression test cases prepared by QA team and provide necessary QA and UAT support till QA signoff.
- Responsible to create production deployment plan and walkthrough the plan with all stakeholders.
- Responsible to ensure successful completion of pre-requisites/Implementation/post-implementation activities mentioned on deployment plan (System-Demo for Business and Retrofit to Lower Region).
- Creation and Presentation of Weekly Project Status report to all stakeholders.
- Mentored/Trained the prospective candidates for the project.
- Interviewed candidates (External/Internal) for the project needs.

Bank of America – ALS (Advanced Loan Systems)
Technical Lead
Team Size: 10
November 2011 – September 2016

- Managed Offshore team (Reviewed the deliverables, and clarified ambiguities in the requirements)
- Responsible to monitor the Production batch cycle and ensure successful completion of batch within the SLA.
- Use EASYTRIEVE to generate reports for business requests on request basis.
- Attend work group meetings for the project assigned and confirming the requirements with clients.
- Felicitate design discussions with application and line of business representatives.
- Responsible to analyze requirements of all initiatives and change requests and provide feasible solutions for integrating the changes in the system with Estimation and Design document.
- Responsible to complete the Code Build & Unit Testing within the stipulated time.
- Prepare Test Results documents of the test cases tested at Unit, Integration and System Level.
- Review artifacts during the walkthrough calls for all deliverables.
- Review Functional/Regression test cases prepared by BA team and provide necessary support while BA testing.
- Responsible to create production deployment plan and walkthrough the plan with all stakeholders.
- Responsible to ensure successful completion of VSAM file fix/implementation/post-implementation activities mentioned on deployment plan.
- Responsible to retrofit the changes in lower environment.
- Creation and Presentation of Weekly Project Status report to all stakeholders.
- Mentored/Trained the prospective candidates for the project.
- Interviewed candidates (External/Internal) for the project needs.

Bank of America – Disaster Recovery
Offshore Developer
July 2011 – November 2011

- Work with Client in translating business requirements into Functional Requirements Document and to Detailed Design Documents.
- To provide support during System/UAT testing phases with clients.
- Review of Answer description, estimation sheet, Codes and Unit Test report for a change request.
- Prepare Technical Design mapping documents to map Business requirements to the software components.
- Support Post Implementation.

Travis Perkins – Tool Hire & Delivery Centre
Onsite Developer
December 2009 – November 2010

- Attend Project Requirements meeting with Clients & Business and finalize the business needs.
- Prepare Requirement Specifications document based on business inputs and walkthrough the requirements with the offshore team.
- Responsible to solve the ambiguities and ensure customer needs are addressed.
- Validate the estimates provided by Offshore team for all deliverables.
- Involved in ongoing support for Tool hire, BSS, and Delivery Centre systems.
- Member of QA review Panel and involved in review of code, review of design document and system testing of offshore team member's and client developer work.
- Responsible for defect free monthly releases as part of on-going production support.
- Responsible for on time delivery with high quality.
- Conduct functional trainings for client junior developers in the following modules: Tool hire and Delivery Centre systems.

Travis Perkins – Electronic Point of Sale
Senior Developer
October 2007 – December 2009

- Daily Interaction with the on-site team to understand the requirements.
- Involved in Design Document preparation, Coding, and ongoing support for EPOS application.
- Prepare estimates for the specifications received for the respective versions of modules.
- Member of Peer Review Panel and involved in review of code, review of design document and system testing of peer.
- Conduct functional trainings for new joiners in the following modules: Customer creation, Quotations and Ticket Entry System. Created feature points for new enhancements.
- Daily Status Reporting to on-site team on the progress of assigned tasks.
- Prepare Weekly Status Report and Monthly Status Report for management team.