Niranjana Devi Arumugasamy
Graduate Software Developer

Portfolio Website: http://www.niranjanadev.com/
GitHub: https://github.com/niranjana405
Linkedin: https://www.linkedin.com/in/niranjana405/

Leicester, United Kingdom
Contact • 07833826619
niranjana405@gmail.com
Ready to relocate anywhere in UK

SUMMARY

Enthusiastic and detail-oriented Software Engineer with a **recent MSc in Advanced Computer Science** and a strong passion for technology. Skilled in designing and building fully functional websites, with expertise in programming languages like **Python**, **Java,** frameworks, Database Management, Cloud Native solutions.

Proficient in web application design and development using **Java, J2EE, JSP, Servlets, Spring, WebServices (REST) .**

Expertise in working with **MySQL** Workbench for efficient data storage, retrieval, and management, crucial for user profiles and recommendations.

Proficient in **React JS and JavaScript DOM manipulation**, with a focus on producing efficient and performant code. Familiarity with frameworks for front-end development.

Expertise in web development technologies like **HTML5, XHTML, CSS3, XML** and **XSL/XSLT**.

Knowledge in debugging code using Visual Studio Code.

Proficient in **MVC design** programming principles to develop robust applications.

Demonstrated expertise in designing and implementing RESTful APIs and data management systems.Proficient in version control using **SnailSVN Lite and GitHub,** facilitating collaborative development efforts.

Proven ability to adapt to the **latest technologies** and follow best practices in software development Committed to creating efficient and compliant code to deliver optimal user experiences.

Ability to grasp and master new technologies. **Collaborative team player** with a drive for continuous learning and excellent **analytical** and **problem-solving skills.**

Moreover, With 9 years of experience in the Banking/Finance industry, I possess transferrable skills in areas such as analytical thinking, problem-solving, attention to detail, customer-centric focus, effective communication, risk management and compliance, team collaboration, data analysis and reporting, process improvement, client management, time management and pressure handling.

EDUCATION & QUALIFICATIONS

MSc in Advanced Computer Science|Predicted 2:1| University of Leicester, Sep 2022 - Sep 2023

Key Modules: **Internet and cloud computing**, Mobile and web applications,UI & UX , Computational intelligence and software engineering, Data-driven intelligent service design,
Generative development, Design and analysis of algorithm and Personal and group skills

BE in Computer Science Engineering | 1st Class with Distinction | Anna University

A LEVEL (Equivalent) **Higher Secondary School**
 St Stella's Matriculation Higher Secondary School, India
A levels(Subjects): English (A*), Maths (A*), Chemistry (A),Physics(A*), Biology(A*)

GCSE (Equivalent X Standard)
GCSEs(Subjects): 10 GCSEs grade 9–4, English (7), Maths (9), Science(9), History & Geography(8)

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript ES6 | **Object-Oriented Language** & Principles

Database Management: MySQL

Web Technologies: HTML, CSS, Servlets, JSP, Rest API's | **Framework:** Spring Boot, React JS

Version Control: Git and SVN | **Testing**: JUnit

UX/UI Design: Designed AI online learning app using low-fidelity and medium-fidelity prototypes

Software Tools: Eclipse, Visual Studio Code

Cloud Computing: Working with AWS like EC2, ALB, CloudWatch, EFS and Docker

Software Development: Agile Methodologies (SCRUM), Test-Driven Development (TDD)

PROJECT EXPERIENCE

Project1: Electricity Bill Payment Mobile App
Developed iGSE, a **Native Android app using Java and Firebase** as a backend. The app allowed users to submit meter readings, view bills, and pay using energy vouchers. I additionally utilised **REST API** to allow the public to access energy consumption data and statistics available on GSE's platform.

Project 2: Designed and implemented a whiteboard application using **AWS private cloud** using resources like **EC2, EFS, Application Load Balancer** for the Internet and Cloud Computing Project

MSc Final Year Project 3: Smart Career Path Recommendation System and Web Development
Description:
The project is aimed at implementing a system to recommend career paths for users based on their skills, interests, and abilities.
Key Responsibilities:

- Used **Java (Java 17+), SQL, JavaScript (ES6), and HTML5** for robust backend and front-end development.
- Effectively utilized **Spring (Maven-Based)** for building modular Java-based web applications. Designed responsive interfaces using **Bootstrap**, ensuring a seamless user experience across devices. Conducted rigorous testing with JUnit to ensure code integrity.
- Employed **Spring Data JPA** for streamlined data access and management, optimizing database interactions. Implemented controllers to manage the flow of data between the user interface, backend logic, and the DB
- Utilized **React JS** to create dynamic, component-based user interfaces, enhancing user engagement and interaction.

- Conducted end-to-end engineering tasks for specific system assignments, including development, analysis, configuration, **testing**, **debugging**, **troubleshooting**, and **implementation** based on user or system design specifications.

WORK EXPERIENCE

April 2022- August 2022   Manager, HDFC Bank Ltd, India

- Played a crucial role as manager and trained less experienced staff members, enhancing overall efficiency and performance.
- Provided consistent and exceptional customer service, ensuring customer satisfaction and resolving inquiries in a proactive and positive manner.
- Conducted in-depth financial analysis to assess client portfolios, identify investment opportunities, and optimize financial strategies.
- Managed and maintained critical documentation, ensuring accuracy and compliance with regulatory requirements.
- Collaborating with colleagues from various departments to ensure seamless operations.

Achievements:

Assisted in the transition of traditional banking processes to an online-first approach, resulting in a 25% increase in online customer engagement.

February 2021- April 2022   Service Delivery Ambassador, RBL Bank Ltd, India

- Led cross-functional teams in executing projects, including new account acquisition initiatives and investment services implementation.
- Conducted regular client meetings, delivered presentations, and communicated financial information in a clear and understandable manner.
- Collaborated closely with colleagues to achieve branch targets, fostered a positive team environment, and supported colleagues in achieving their goals.
- Efficiently managed a high-net customer portfolio, balancing multiple tasks and priorities to meet client needs and organizational objectives.

Achievements:

Implemented a streamlined email response system that reduced average response times by 30%, contributing to the achievement of departmental SLAs.

November 2010- March 2019   Customer Service Officer, Axis Bank Ltd, India

- Ensured adherence to regulatory guidelines and internal policies, minimizing financial transaction risks and account management risks.
- Utilized tools like Microsoft Excel and banking software to analyze financial data, generate reports, and provide insights for decision-making.
- Demonstrated proficiency in banking software and CRM systems, showcasing the ability to quickly adapt to new technologies.
- Conducted comprehensive reviews of cash reconciliations, security and suspense transactions, maintaining compliance with established quality control measures and procedures.

Achievements:

Initiated and executed a proactive customer outreach campaign, resulting in a 40% increase in customer feedback response rates and valuable insights for service improvement.