Himesh Parmar

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• Portfolio • LinkedIn • United Kingdom, London

Software Developer – Java, C#

Dynamic with a track record of driving innovation and process automation in technical environments. Expert in integrating diverse systems and optimising performance, with proficiency in languages such as C# and Java, and tools like Adobe Logic Apps and Microsoft Azure. Adept at translating business requirements into robust technical architectures, driving the full software development lifecycle from concept to deployment. Demonstrated success in leading API development and enhancing data management capabilities, resulting in significant improvements in system efficiency and user engagement. Instrumental in creating engaging web solutions and implementing RPA, combined with passion for user experience and volunteer engagement. Adept at translating complex business requirements into scalable, user-centric solutions that meet both functional and regulatory standards. Spiritual leader with global experience in guiding spiritual journeys, teaching yoga, and preaching across diverse cultures, committed to fostering inner growth, resilience, and compassion.

Technical Proficiencies

Languages	Java, JavaScript, C#, Python, HTML, CSS, SPSS, SQL
Frameworks	Spring, ASP.Net, ASP.Net Core, Xamarin, Flask, Bootstrap, Jest, jQuery, React

Areas of Expertise

- Enterprise Architecture Design
- Cloud Computing & Migration
- System Integration & API Management
- Software Development Lifecycle Management
- Robotic Process Automation (RPA)
- System Integration & API Management
- User Experience Design
- Performance Optimisation
- Full Stack Development
- Stakeholder & Client Management
- Technical Project Management
- Data Management

Professional Experience

Career Break   Nov 2023 – Present

Took a sabbatical to travel to Kenya, India, New York, and Dallas, where I cultivated university students on spirituality and personal growth. This experience deepened my global perspective and enriched my professional journey.

Netcompany   2021 —2023
The Insolvency Service – C#, Full Stack Developer

Developed and implemented a Robotic Process Automation (RPA) solution to automate the extraction/storage of data from different sources (PDFs, letters, and emails) into a database using Adobe Logic Apps. Created numerous webpages using C# and HTML where businesses could easily input essential details.

- Conducted thorough analysis of automation solutions to determine best approach for integrating and automating document processing tasks.
- Automated over 1K documents each week, improving processing speed and operational efficiency by implementing a robust Robotic Process Automation (RPA) solution.

Backend Developer, HMRC, Borders and Trade – Java, Springboot

Developed REST and XML APIs using Java Spring Boot to deliver seamless data exchange and integration. Continually monitored and tracked performance improvements using Kibana to improve APIs' responsiveness, reliability, and efficiency.
- Actively contributed to 50+ HMRCs API development and testing.
- Streamlined development process, achieved continuous delivery, and efficient deployment using Jenkins pipelines.
- Implemented encryption and secure authentication mechanisms to safeguard sensitive information exchanged through REST and XML APIs.
- Conducted comprehensive performance analysis and implemented optimizations in Java code to enhance scalability, allowing the APIs to handle increasing data loads seamlessly.

Mobile App Developer, NHS Scotland COVID Pass Mobile Application – C#, Xamarin

Designed and delivered a dynamic 3D holographic icon and live time feature using C# which utilised smartphone's gyro sensor to dynamically change colour responding to a smartphone's tilt. This improved app security and fraud protection.
- Delivered 60% more vaccination history information, testing records, and recover days for 1.8M users through the development and launch of a Xamarin-based COVID status page.
- Optimised the Scotland COVID-19 Passport application by 11%+ and increased user engagement by 15%+ through strategic management of a custom Azure cloud deployment (alpha, beta, pre-release), software updates, and bug fixes.

- Implemented a robust screen reader support "text-to-speech" accessibility feature in NHS Scotland COVID Passport app, aiding over 1000 visually impaired users by enabling auditory access to essential information such as vaccination history and testing records. following WCAG guidelines and implementing ARIA role.
- Implemented descriptive alternative text for images and icons, ensuring meaningful content representation for users relying on screen readers. This enhancement facilitated a more inclusive experience, allowing all users, including those with visual impairments, to comprehend and navigate the app effectively.

Pandava Sena   **Oct 2020 – Nov 2021**
Software Engineer (Volunteer)

Developed a personalised dashboard to show project opportunities and enable project manager oversight to schedule volunteers, manage resources, and track targets using. Designed and implemented a data pipeline to scrape event information from relevant websites using a REST API and integrated the data into an event calendar.
- Created a project management system using Python and Django to match 2,000 volunteers with national projects relevant to skills, interests, and availability.
- Increased the number of volunteers matched to a project by 70% through the implementation of an effective project management system and data integration strategies.

Education

BSc. In Computer Science, Brunel University, London, UK, 2021

First Class, Specialised in AI, Software Engineering, Software Project Management and UX/UI Design

Spiritual Leadership & Event Coordination

International Speaker on Spirituality and Vedic Wisdom
Head Organiser of the Krishna Consciousness Society (Spiritual Youth Programs) – Brunel University
Organiser of Musical Mantra Meditation Event

Key Projects

Book Recommendation System | *Technologies: JavaScript, jQueryHTML5, CSS3, Strapi, GraphQL, WooCommerce*

- Developed a web application that provides tailored book recommendations based on user preferences, allowing users to search, read samples, and purchase books via a WooCommerce plugin.
- Utilised Strapi for the backend CMS, integrated with GraphQL to efficiently query and manage content.
- Designed an interactive frontend using Bootstrap, jQuery, and custom CSS for a seamless user experience.

Recipe App | *Technologies: JavaScript, HTML5, CSS3, Node.js, NPM, AJAX*

- Created a responsive web app that accessed over 1M dish recipes from a backend API, adjusting recipes based on the number of servings or people.
- Implemented features that allow users to search for recipes, add ingredients to shopping lists, and save Favorite dishes.
- Ensured backward compatibility and optimised performance by bundling modules with Webpack and using Babel for JavaScript transpilation.

XCape Mobile Android App | *Technologies: Android Studio, Java, SQL, Adobe XD*

- Designed and developed a recommendation engine that suggested media such as music, movies, TV shows, and games based on user preferences using Java and Android Studio.
- Iteratively built frontend with user feedback, utilising Scrum methodologies and Adobe XD prototypes to refine user interface.
- Developed a backend with an SQLite database to fetch specialised media recommendations tailored to user inputs.

Finch Robot Maneuver and Retrace Steps | *Technologies: Java*

- Engineered Java code to control Finch robot, enabling movements in various directions with customisable speed and duration settings.
- Implemented a step-tracking mechanism using object-oriented programming principles, allowing the robot to autonomously retrace its steps, demonstrating advanced problem-solving skills.

Python Projects | *Technologies: TensorFlow, Machine Learning, API Integration*

- Built an end-to-end machine learning pipeline using TensorFlow, focused on robust image recognition and labelling capabilities.
- Developed a global password checker by integrating with an API, leveraging advanced algorithms to evaluate password security and prevalence, enhancing cybersecurity measures.