

Hardik Patel

Pallara avenue
Pallara, 4110, QLD
0476369878

Patel33hardik@hotmail.com

www.linkedin.com/in/patel33hardik

<https://patel33hardik.github.io/portfolio/>

Summary

With over five years of professional experience as a full-stack developer, I bring a wealth of knowledge and expertise to software application development. My responsibilities include designing, coding, testing, and maintaining software systems using various programming languages, such as Python, jQuery, React, JavaScript and MySQL. My expertise includes Git version control to enhance teamwork efficiency and testing techniques with various methodologies. I also have experience in Linux and the administration of its services, as well as virtual machine hosting using Azure and technologies such as VMware and VirtualBox. As a full-stack developer, I am well-versed in both front-end and back-end development, enabling me to create dynamic and seamless web experiences. I am dedicated to achieving excellence in my work and am excited to contribute my skills, determination, and innovation to a dynamic team that values collaborative problem-solving and strives for exceptional results.

Employment History

Oct 2018- Current

Jacques Technology Pvt.Ltd – Software Development Engineer QLD, Australia

- As an experienced developer, I specialize in building and maintaining web applications using a wide range of technologies. I am proficient in Python and have expertise in web frameworks such as Flask. I have a strong background in designing and optimizing database structures to ensure efficient data storage and retrieval. In terms of hosting environments, I am well-versed in Linux hosting environments and have experience working with both Linux shell (bash) scripting and Windows systems. I am also skilled in setting up and managing virtual machines, including cloud-based solutions and tools like Oracle VirtualBox. To facilitate efficient collaboration and version control, I utilize Git, a popular version control system, to manage and track changes in software development. This allows for seamless teamwork and easy rollbacks when necessary.
- API integration is another area of expertise for me. I have successfully integrated various APIs into applications, including VIVI, Telegram, ClickSend, and GTFS Realtime. This enables seamless communication and data exchange between different systems, enhancing the functionality of the applications. In addition to backend development, I have a solid understanding of front-end technologies. I am experienced in working with frontend libraries such as React, jQuery, and Bootstrap, enabling me to create intuitive and visually appealing user interfaces.
- In my role, I conduct white box testing using the unit, integration, and performance methodologies to identify and resolve any bugs or issues that may arise. Furthermore, I possess leadership skills and have provided guidance to teams, fostering a collaborative and participate in Agile Software Development Life Cycle (SDLC) practices, collaborate with cross-functional teams, and communicate effectively with both technical and non-technical people to deliver high-quality products. I also review and assess code written by team members, providing valuable feedback to ensure code quality and adherence to coding standards.

- In terms of achievements, I have gained proficiency in Python programming and have expertise in using Gerrit, a web-based tool for team code collaboration. Additionally, I have familiarized myself with the GTFS structure, a widely used standard format for public transportation schedules and associated geographic data. I have also developed a program that enables communication with the serial port and allows for sending SMS through API and hardware-based AT Commands. Additionally, I have experience using Redmine for project management, issue tracking, and hardware and software integration.
- Additionally, I analyze system specifications, support production issue investigation and troubleshooting activities, stay current with new software technologies, and ensure compliance with industry standards and regulations. Finally, I uphold the business reputation, assist other areas of the business when required, and adhere to the company's Workplace Health and Safety policy and procedures.

June 2013 - May 2015 Everest Instruments Pvt. Ltd. – Software and Web Developer India

- As a skilled software developer, I take pride in my ability to design and develop user-friendly Windows and Web applications using C# programming and ASP.NET technologies. My expertise lies in building applications using the MVC (Model-View-Controller) architectural pattern, ensuring separation of concerns and scalability.
- In addition, I am well-versed in deploying and managing applications within a Windows server hosting environment, leveraging my knowledge of Windows Server technologies. I am also proficient in using VirtualBox for virtual machine management and deployment. Testing is an essential component of the software development process, and I have experience in both black-box and white-box testing methodologies.
- My experience with MS SQL Server technologies enables me to design and optimize data structures for applications. I am proficient in writing stored procedures and views to manipulate and retrieve data efficiently. Additionally, I am experienced in using frontend languages such as jQuery, JavaScript, and Bootstrap frameworks to create interactive and visually appealing user interfaces.
- Providing software support is also an integral part of my role, as I am responsible for resolving technical issues and ensuring customer satisfaction with the use of various remote desktop tools. Throughout my career, I have achieved expertise in MSSQL, ASP.NET, and .NET technologies, further enhancing my proficiency in developing robust and scalable software solutions. I have expanded my skill set by mastering advanced web and Windows application features, including HTML, jQuery, Ajax, Web Form, CSS, and VB.NET.
- Overall, I am dedicated to delivering high-quality applications, providing technical support, and ensuring customer satisfaction in all software development projects.

Education

Oct -2018	Professional Year Program	Navitas Academy Brisbane, QLD, Australia
Nov 2017	MISP (Master of Information System Program)	University of Southern Queensland Toowoomba QLD Australia

Projects

Jacques Technology Pvt.Ltd QLD, Australia – Software Development Engineer

- These projects involve various applications and interfaces that work together to enhance the Jacques system ecosystem. One key project is the **JELinux** Web Interface, a centralised platform for configuring software packages, system settings, and device features on the Jacques system server. Version 8 of the interface introduces significant enhancements in security, user experience, and feature configuration. This project involves a team of four members dedicated to ensuring a seamless and efficient web interface for managing the Jacques system.
- Another important project is the **Mass Notification System (MNS)**, which facilitates the easy sending of mass text notifications to contacts with the hardware-software integration in the Jacques system. This application utilises APIs and AT commands to distribute messages through various MNS distribution providers. The team of two members working on this project focuses on developing and integrating a user-friendly interface with the Jacques system, enabling efficient and timely communication with system users during critical events.
- The **User Roles and Permissions (URP)** application ensures secure and password-protected access to JELinux server applications. Users are categorised into administrators with full access and system users with limited access based on their defined roles. With a team of three members, this project aims to enhance the security and control of the Jacques system, allowing administrators to manage user permissions effectively and safeguard sensitive information.
- In addition, the **Jacques Announcement Scheduler (JAS)** project introduces an advanced scheduling interface for seamless broadcasting across multiple zones. Using efficient backend and frontend technologies, JAS enables users to upload audio files and create broadcasting timetables effortlessly. This project, led by a single team member, optimises the user experience and provides a powerful tool for managing audio announcements within the Jacques system.
- Overall, the combined projects encompass a range of functionalities, including system configuration, mass notifications, user access control, and broadcasting scheduling. These projects involve dedicated teams working collaboratively to enhance the Jacques system's performance, security, and user satisfaction. The projects aim to deliver a comprehensive and efficient seamless communication and system management method by incorporating advanced technologies and robust development practices.

Everest Instruments Pvt. Ltd. India – Software and Web Developer

- E-MILK PRO (RMRD) is a comprehensive milk procurement software to optimise dairy inventory management. The application allows businesses to make informed decisions by collecting data on farmers and their dairy product quantities. Notably, it features a Two-way sync capability that enables easy synchronization of databases. The development team, consisting of three members, utilizes advanced technologies such as ASP.NET, C#, SQL, and jQuery to create a robust and efficient system for dairy inventory management.

- In the Hygi+ project, a pharmacy management system is developed to enhance wholesale medical store operations. This web ERP (Enterprise Resource Planning) solution offers user-friendly features, including expiry handling, sales tracking, stock management, and transaction reports. The team of three members leverages advanced technologies like C#, MVC4, jQuery, CSS, Ajax, and MySQL to deliver a comprehensive and efficient solution for managing pharmacy operations.
- Both projects highlight the use of advanced technologies, user-friendly features, and a team size of three members dedicated to creating powerful and tailored software solutions. Through these applications, businesses in the dairy and pharmacy sectors can benefit from improved inventory management, streamlined operations, and informed decision-making processes.

Technical Skills

Experience in web technology and languages

- Proficient in HTML, JavaScript, jQuery, ReactJS, Jinja, CSS3, XML, Ajax, Bootstrap, and GTFS API for web development.
- Proficient in VSCode, and Visual Studio code editor tools.
- Familiarity with remote control tools such as Microsoft teams, TeamViewer and Ammy Admin.
- Understanding of project management and collaboration tools like Redmine, Trello, and GitHub pages.

Programming Languages and Technology

- Proficient in Python, ASP.NET, C#, and VB.NET
- Experienced in working with the Python Flask framework and maintaining repositories on Gerrit.
- Knowledgeable in developing custom operating systems under the Linux environment.
- Skilled in developing web-based client-server and window-based applications using ASP.NET/C# in the MVC architecture.

System Database Languages and Reporting Tools

- Proficient in SQL Server 2005/2008/2012, SQLite and MySQL databases.
- Familiarity with Crystal Reports for generating reports.
- Knowledge of SQL Server Reporting Services (SSRS) for creating and managing reports.

Knowledge of other language and technology

- Knowledge of AT commands in telecommunication technologies.
- Web Service, WCF (Windows Communication Foundation).
- Silver light, Flash, Adobe After Effects, WPF, Photoshop

Operating Systems

- I can efficiently operate within both Windows and Linux environments. I am also skilled in utilizing the Virtual cloud and Oracle VM VirtualBox manager to its fullest potential.

Soft Skills

- | | |
|--------------------|---------------------------|
| • Good team player | • Positive attitude |
| • Adaptability | • Time management ability |

- Good Communication skill
- Strong work ethics
- Problem-solving skills
- Research skills

Achievements

- 2012, 2013 Designed spring fever event website for 2012 and 2013 for University, Attained CYBER CRIME & INFORMATION SECURITY, OPEN SOURCE TECHNOLOGY USING LINUX, ANDROID AND STRUTS workshops at Sankalchand Patel College of Engineering, Visnagar.
- 2013 Designed national event certificate for Electrical Department using Photoshop.
- 2018 Australian Computer Society (ACS) member

Languages

- English PTE Overall Band Score of 70.
- Gujarati Written and spoken language skills in Gujarati - Mother tongue
- Hindi Written and spoken language skills in Hindi- National Language of India