

Dhananjay Patel

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Results-oriented, motivated Software Developer proficient in API creation, Game development, Data scraping, Web development, and plugin/theme editing, among others. Programming languages used: **Python**, PHP, Node.js, and SQL. Strong skills in **DSA** ensure efficient and optimized solutions. **Critical thinking** in problem-solving is very structured and analytical.

Skills & Abilities

- **Programming Language:** Python, C#, PHP, JavaScript,
- **Framework & Platform:** CodeIgniter 4, WordPress, Express.js, Node.js, jQuery, AJAX, JSON, XML, RESTful APIs
- **Tools / Platforms:** Visual Studio, VS Code, Unity 3D, Postman, Git, XAMPP
- **Databases:** MySQL, PostgreSQL, SQLite, MongoDB

Experience

Graduate Teaching Assistant | Sacred Heart University, Fairfield, CT, USA (Apr 2024 - Dec 2024)

- Mentored 100+ students in Data Structures, VB.NET, and Statistics, providing guidance and support to enhance their understanding and performance.
- Developed 25+ projects, solving complex challenges in VB.NET and C++ to ensure seamless functionality and quality.
- Delivered instruction on algorithms and data structures, emphasizing practical implementation and problem-solving proficiency.

Senior Software Developer | Web Strataegic, Ahmedabad, India (July 2019 - July 2023)

- Development of robust APIs, w/s, & App. Huge, including VP Security-e-commerce and Knight Secure CRM.
- Mentoring junior developers in managing end-to-end software development lifecycles.
- Customized WordPress themes and plugins, developed automation tools for data scraping and posting, and collaborated with clients and teams to deliver high-quality, on-time projects.

Software Developer and Co-Founder | CBLT Pvt. Ltd, Ahmedabad, India (Jan 2017 - June 2019)

Co-founded and developed a cotton bales online trading platform from scratch.

Software Developer | Navdurga Suppliers, Ahmedabad, India (June 2016 – Jan 2017)

Education

MASTER OF SCIENCE (COMPUTER SCIENCE) - Sacred Heart University - Fairfield, CT || **(4.0 GPA)** || 2023-2024

BACHELOR OF COMPUTER APPLICATIONS- Jaipur National University - RJ, IND || 2012-2016

Projects

QUANTUM UP CHALLENGE - QUANTUM COMPUTING RESEARCH THESIS

I participated in the Quantum UP! Challenge of the human impact of quantum technologies. Various risk analyses with respect to data privacy, financial stability, and national security are done, after which recommendations such as quantum-resistant encryption or regulatory oversight are made. Advocate collaboration among stakeholders to balance the benefits and risks of quantum advancements.

VP SECURITY CRM & KNIGHT SECURE CRM (ROLE: BACKEND DEVELOPER) || PHP, RESTful API, Wordpress

Developed the backend for a web-based CRM system for a mobile app using PHP, including creating APIS, and AJAX to process real-time data updates from the webpage for efficient user interaction. Collaborated with frontend developers to ensure smooth integration and provided clear documentation for future maintenance.

CBLT MOBILE APPLICATION (ROLE: BACKEND DEVELOPER) || PHP, RESTful API, MVC, Live Trading

Developed the backend for a mobile application project including scalable APIs using PHP. Integrated third-party services, implemented security protocols, and optimized server performance for a seamless user experience. Collaborated closely with frontend developers to ensure smooth integration and provided thorough documentation to support ongoing maintenance and future development.

KNIGHT SECURE CRM SOFTWARE (ROLE: BACKEND DEVELOPER) || PHP, RESTful API, AJAX

Designed and developed a WebApp and mobile applications (Android/iOS) using PHP, JavaScript, AJAX, HTML, CSS, and MySQL to optimize client workflows. The system enabled real-time order updates, interactive home layout customization, and seamless quote and invoice generation. It also integrated SMS chat functionality and review management tools, allowing users to communicate and manage Google and Facebook reviews directly within the platform.

ALWAYSFIRST AND SURYYASKIRAN (NEWS Website & App) (ROLE: BACKEND DEVELOPER) || PHP, RESTful API

Developed a WebApp and mobile applications (Android/iOS) for real-time news delivery using PHP, WordPress, and custom scripts. Automated news updates from relevant agencies, created custom plugins for personalized advertisements, and ensured high performance through memory optimization and robust security measures. Extended WordPress capabilities with tailored designs and external scripting to provide a scalable and efficient platform.