

DHANANJAY PATEL

SOFTWARE DEVELOPER

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LinkedIn

GitHub

LeetCode

HackerRank

I'm a dedicated computer science graduate with a passion for agile development and API creation. With strong skills in Python, PHP, React, Node.js, and SQL, I'm focused on delivering impactful software solutions and contributing to innovative projects.

WORK EXPERIENCE

GRADUATE TEACHING ASSISTANT

Apr 2024 – Present

Sacred Heart University, Fairfield, CT, USA

Graduate Teaching Assistant for Data Structures, VB.NET, and statistics for data science. Developed comprehensive project examples to support student learning and provided one-on-one assistance for troubleshooting and resolving coding errors. Collaborated with faculty to ensure smooth software setup within the university environment. Created detailed, user-friendly documentation for ongoing and future student use, enhancing available learning resources. Contributed to course material development and supported course management, including software maintenance and updates.

SENIOR SOFTWARE DEVELOPER

July 2019 – July 2023

Web Strataegic, Ahmedabad, INDIA

As a Senior Software Developer in a small company, focused on coding for APIs, websites, and software applications. Led development and debugging efforts to ensure robust and scalable solutions. Oversaw the integration of backend systems with frontend interfaces, mentored junior developers, and managed the full software lifecycle. Collaborated with clients and other departments to achieve project goals.

Jan 2017 – Jun 2019

SOFTWARE DEVELOPER AND CO-FOUNDER

CBLT Pvt. Ltd, Ahmedabad, INDIA

Founded a startup for online trading of cotton bales, developing the entire application and website from scratch. Handled backend development and API creation, while also providing support for frontend development and design concepts, contributing to the project's overall success.

SOFTWARE DEVELOPER

Jun 2016 – Jan 2017

Navdurga Suppliers, Ahmedabad, INDIA

At Navdurga Suppliers, a Sand Supply company in Gujarat, served as a Software Developer and Quality Engineer, enhancing software and data management by troubleshooting processes, integrating government portals, and developing in-house solutions for billing, accounting, and customer records using robust, scalable coding practices.

EDUCATION

MASTER IN COMPUTER SCIENCE

2023-2024

Sacred Heart University – Fairfield, Connecticut

BECHLORS IN COMPUTER APPLICATION

2012-2016

Jaipur National University, Jaipur

PROJECTS

CATCH BUTTERFLIES GAME (ROLE: GAME DEVELOPER)

Developed a game called "Catch Butterflies," creating an engaging world where players catch butterflies while avoiding enemies. Implemented multiple C# scripts for game mechanics, including a counter, and integrated music and sound effects. Designed the character for player interactions and ensured an immersive and challenging gameplay experience.

VP SECURITY CRM (ROLE: BACKEND DEVELOPER)

Developed the backend for a web-based CRM system for a mobile app using PHP, including creating APIs for task management and user interactions. Designed and implemented the database, added features like notifications and progress tracking, ensured data security, and optimized server performance. Collaborated with frontend developers to ensure smooth integration and provided clear documentation for future maintenance.

CBLT MOBILE APPLICATION (ROLE: BACKEND DEVELOPER)

Developed the backend for a mobile application project, focusing on creating robust and scalable APIs using PHP. Managed the database design and implementation, ensuring efficient data storage and retrieval. 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.

SKILLS

- **Programming Languages:** Python, PHP, C#, Java, C, C++, VB.NET, HTML, CSS, SQL, JavaScript
- **Libraries/Frameworks:** JavaScript, CodeIgniter 4, WordPress, Express.js, React.js, Node.js, jQuery, Bootstrap, AJAX, JSON, XML, RESTful APIs
- **Tools / Platforms:** Visual Studio, VS Code, PyCharm, Unity 3D, Postman, Git, MySQL Workbench, XAMPP
- **Databases:** MySQL, PostgreSQL, SQLite, MongoDB