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# VISHAL RANJAN

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## Summary

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Strategic Software Developer skilled in application/web development, testing and optimization. Excels at coordinating ground-up planning, programming and implementation for core modules. Maintains strong object-oriented and software architecture fundamentals.

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## Skills

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- PHP
  - JavaScript
  - JQuery
  - JSON
  - Python
  - MYSQL
  - AJAX
  - Git
  - Linux
  - Google API
  - Facebook App
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## Experience

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### Full Stack PHP Developer/ Database Engineer Hansen Pole Buildings

07/2019 to Current  
West Fargo, ND

- Company's sales increased by 20% after integrating organic leads from Facebook using the Facebook app.
- Successfully updated PHP 5.6 to PHP 8.2 and WordPress version 6.0, which significantly improved the system's performance and security.
- Improved SEO strategy with Link crawler plugin, faster load time, and mobile-friendly site led to 20% increase in website hits.
- Developed ecommerce platform with secure payment system (ACH, Credit Card), order processing, and invoice generator.
- Developed an online exam system and added a feature for users to receive a certificate upon completing the exams.
- Designed efficient relational database schema with proper key relationships and normal forms to meet project objectives.
- Integrated 90%+ web pages with API and collaborated to create, test, and maintain PHP APIs for improved functionality and user experience.
- Implemented a review and rating system that enabled clients to provide feedback based on their experience. This resulted in an impressive 25 five-star ratings being added to the company's Google profile in just three months.
- Restructured the employee and client permissions to enable them to use different features of the software.
- Implemented ecommerce-style search and filter feature for improved user experience and increased efficiency.

### Full Stack Developer Valley IT Solutions

12/2018 to 03/2019  
Fargo, ND

- Developed and maintained front-end and back-end web applications using HTML, CSS, JavaScript, JQuery and PHP
  - Collaborated with other developers in designing solutions for customer requirements.
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## Education and Training

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### Bachelor's Degree in Computer Science North Dakota State University

05/2019  
Fargo, North Dakota

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## Websites, Portfolios, Profiles

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- <https://vishal7313.github.io/portfolio/>
  - <https://github.com/vishal7313>
  - <https://www.linkedin.com/in/vishal-ranjan-5948aa152/>
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## Projects

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- Created a python based blackjack game with player vs computer mode, adding player vs player mode.
- Skillfully developed a higher-lower number game that incorporates the mechanics of actual games.
- Improved my data analysis skills by using Kaggle and Google's big data sets. I utilized Python's pandas library and R's tidyverse package to develop data visualizations.
- Currently working on developing a chat app using the Flask library in Python.
- Improved front-end skills with React.js website templates.