# VISHAL **RANJAN**

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## Skills

- **Technical Skill:** Algorithm coding, PHP, MySQL, Javascript, CSS, Python, MongoDB, Express, React, Node
- **Soft Skills:** Problem-Solving, Task Management, Time Management

## Experience

**Full Stack PHP Developer/Senior Database Engineer**                     **07/2019 to Current**
**Hansen Pole Buildings**                                                          **West Fargo, ND**
- Company's sales increased by 20% after integrating organic leads from Facebook using the Facebook app API.
- Successfully updated PHP 5.6 to PHP 8.2 and WordPress version 6.0, which significantly improved the system's performance and security.
- 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.
- Improved software functionality and usability through restructuring of employee and client permissions. Streamlined workflows and increased efficiency.
- Implemented ecommerce-style search and filter feature for improved user experience and increased efficiency.

**Full Stack Developer**                                                         **12/2018 to 03/2019**
**Valley IT Solutions**                                                               **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.

## Projects

- **Mern Chat App:** Developed a real-time chat app using MERN stack and sockets. Users can send messages seamlessly without any interruptions. For secure login/sign-in, I used JavaScript Web Token. I also used Tailwind CSS with Daisy UI for front-end styling. Deployed it for free using render.com. (Live:- https://chat-app-ast7.onrender.com/login)
- **Expense Tracker:** Developing a MERN stack app to track earnings/expenses. Intuitive UI, dynamic dashboard with visual graphs (Chart.js), styled using Tailwind CSS & Daisy UI. Promising solution for managing finances.
- **Blackjack Game:** Successfully implemented the concept of Blackjack card game in my Python project. Currently, the game allows one player to compete against the computer. However, working on adding multiplayer functionality to enhance the gaming experience.

## Education and Training

**Bachelor of Science**: **Computer Science**                                               **05/2019**
North Dakota State University                                                          Fargo, ND