

Dhanmeet Singh Nijhawan

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About

Young IT Professional with a Master's degree in software technology and a focus on software development and problem-solving, I am seeking a challenging full-stack developer. With my strong analytical and communication skills, I can contribute significantly to any team. Currently, I am actively searching for career opportunities in Germany, Flexible for Relocation, Immediate joining.

Experiences

09/2022–03/2023

Master's Thesis, Hochschule für Technik, Stuttgart, Germany

- Developed a highly accurate machine learning algorithm that predicted house prices using PCA and LDA dimensional reduction techniques, achieving over 90% prediction accuracy with Gradient Boosting, Random Forest, and SVMs, all while using Python libraries like NumPy, Pandas, Scikit-Learn, Matplotlib, and Seaborn.
- Conducted extensive EDA to extract valuable insights and features to improve the model's performance.
- Presented my findings effectively, showcasing the algorithm's effectiveness and how it could be used in real-world scenarios.

07/2021–10/2021

Research Assistant, Hochschule für Technik, Stuttgart, Germany

- Coordinated with a team to integrate cross-system enabling online course access, resulting in a 30% increase in user engagement, while also improving system efficiency and accuracy by implementing Ubi-sense hardware in Java, leading to a 25% reduction in error rate.
- Authored a comprehensive technical report on project design, development, and testing stages, highlighting key insights and recommendations for future development.
- Facilitated team collaboration and success through clear communication, active participation, and valuable contributions to project decision-making.

Skills

Technical Skills: Proficient in Java, Python, HTML5, JavaScript, CSS, REACT, Angular, NodeJs, Docker, and Spring Framework.

Databases, Experience working with MySQL and PostgreSQL databases, integrating firebases and MongoDB.

Soft Skills: Analytical thinking, Solution-oriented approach, Problem-solving ability, and dynamic work culture, Communication and teamwork, Agile Methodology, motivated to learn new trends and developments.

Languages

English (Native), **German** (Basic), **Hindi** (Native), **Punjabi** (Native).

Certifications

Oracle Certified Associate- **Java SE 8 Programmer, Rest API** (Issued by Hacker Rank), **SQL** for Data Analysis (Issued by LinkedIn), **Amazon Web Services** (AWS) for Developers (Issued by LinkedIn).

11/2018–04/2019

Internship, LocalPay, India

- Designed and implemented a Java-based online booking platform for restaurant tables, which increased monthly bookings by 30% and customer retention by 15%.
- Implemented the platform's core functionality, including shopping cart, checkout process, and payment gateway integration using Java, Spring Boot, and Hibernate, achieving a 98% satisfaction rate from customer feedback surveys.
- Conducted extensive testing, reducing bug reports by 75% through proactive testing and debugging and customer support.
- Optimized platform performance by implementing caching, load balancing, and database indexing, improving platform response time by 50% and reducing server load by 40%.

Education

Master of Science (M.Sc.)- Software Technology (03/20 to 02/23)

Hochschule für Technik, Stuttgart, Germany

Bachelors of Engineering Computer Science and Engineering (2014 to 2018)

Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Jabalpur, India

Professional Training

Covid-19 World Info., Hochschule für Technik, Stuttgart

- Developed and implemented a Java-based crawler to extract relevant information related to COVID-19 from 4 different websites using Agile Methodology.
- Collaborated with the university team to ensure the timely completion of the project and presented the results in a clear and concise manner.

Vocational Trainee, Matrix Technical Pvt. Ltd. India Jun. 2019 to Dec. 2019

- Developed user interfaces with modern JavaScript frameworks, HTML5, ReactJs and CSS3.
- Supported Web Applications and mobile applications through database development.