

Nidhi Chaubey

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EDUCATION

SRH University of Applied Sciences Heidelberg

Master of Science in Big Data and Artificial Intelligence

Heidelberg, Germany

Expected 2027

TECHNICAL SKILLS

Languages: Python, C#, JavaScript, SQL, HTML/CSS, German (A2), English (Fluent)

Frameworks & Libraries: React.js, ASP.NET Core, Bootstrap, jQuery, LangChain, Hugging Face Transformers, OpenCV

AI/ML & NLP: OpenAI API, Natural Language Processing, Named Entity Recognition, Transformers, Predictive Modeling

Tools & Technologies: REST APIs, Selenium, Git, Power BI, Matplotlib, Seaborn, Pandas, NumPy

Database & ERP: SQL Server, Database Management, SAP Business One

Core Competencies: Data Structures & Algorithms, Software Development Life Cycle, Exploratory Data Analysis, Workflow Automation

PROFESSIONAL EXPERIENCE

Software Engineer

Jul 2023 – Sep 2025

AlphaSquare Labs

Remote

- Architected and deployed full-stack applications using React.js, ASP.NET Core, and Python, serving 500+ users with 99.9% uptime
- Engineered AI-powered chatbot leveraging LangChain and OpenAI APIs to process natural language queries, reducing manual data retrieval time by 60%
- Designed and implemented RESTful APIs with C# and Python backends, optimizing SQL database operations and improving query performance by 40%
- Automated critical workflows using Selenium, achieving 85% reduction in manual testing effort and enhancing deployment efficiency
- Built NLP-based resume parser using Hugging Face Transformers for automated candidate screening, extracting structured data.
- Integrated SAP Business One modules to streamline inventory management and data automation, improving operational efficiency by 30%
- Developed dynamic UI components with advanced features including data filtering, tree structures, and real-time progress monitoring

Teaching Assistant

Jan 2023 – Sep 2023

Coding Ninjas

Remote

- Mentored 100+ students in data structures, algorithms, and full-stack development, achieving 90% satisfaction rating
- Debugged complex code issues and provided personalized feedback to enhance student learning outcomes and project success rates

Technical Intern

Mar 2022 – Jul 2021

Verzeo & Google Facilitator Program

Remote

- Completed intensive training in database management, bioinformatics applications, and real-world problem-solving through Google's technical quests

KEY PROJECTS

AI Interview Chatbot | LangChain, OpenAI, NLP, ASP.NET MVC, Python

2024

- Developed intelligent interview assistant that generates contextual questions from uploaded resumes using advanced NLP techniques
- Integrated Python backend with ASP.NET MVC frontend, creating seamless user experience for HR recruitment workflows

AI Resume Parsing Tool | Python, Transformers, Hugging Face, NLP

2024

- Built production-ready parser utilizing pre-trained transformer models for named entity recognition and information extraction
- Achieved high-accuracy extraction of candidate details including skills, experience, and contact information with structured JSON output

Data Analysis & ML Projects | Python, Pandas, NumPy, Scikit-learn, Matplotlib

2023-2024

- Performed exploratory data analysis and built predictive models on healthcare and business datasets (Stroke, Cancer, Zomato Sales)
- Generated actionable insights through statistical analysis and data visualization, improving decision-making processes

Dynamic To-Do List Manager | JavaScript, HTML, CSS, React.js

2023

- Created responsive web application with intuitive UI/UX for task management, incorporating local storage and dynamic rendering

ACHIEVEMENTS & INTERESTS

Focus Areas: Cutting-edge AI/ML technologies, Big Data analytics, intelligent automation, scalable system design

Continuous Learning: Active contributor to open-source projects, regular participant in hackathons and coding competitions

Multilingual: Professional English proficiency, German A2 , committed to cross-cultural collaboration