

Sudarshan Dahal

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EMPLOYMENT HISTORY

Jul 2023 - Aug 2025	IT Services & Operations Specialist, <i>Randstad Digital Germany</i>	Munich
<ul style="list-style-type: none">Monitored servers and network infrastructure using Zabbix, promptly resolving issues to ensure system stability.Troubleshoot VPN and network problems and provided expert support for Apple devices (MacBooks).Prepared and configured laptops with hardware and software installations, while managing employee accounts and access rights to ensure seamless onboarding and provisioning.Regularly used Microsoft Intune, Entra, Azure, Google Admin Console, Jira, Confluence, and CMDB to support IT operations and documentation.		

EDUCATION

Nov 2020 – Mar 2025	Bachelor of Science (B.Sc.) in Bioinformatics <i>Ludwig-Maximilians-Universität</i>	Munich
<ul style="list-style-type: none">Interdisciplinary program combining computer science, biology, and mathematics to analyse and interpret biological data.Built strong foundations in programming, data analysis, algorithms, molecular biology, and genomics, including machine learning and artificial neural networks applied to biological data.Gained proficiency in Java, Python, R, and Linux environments.Developed analytical thinking, problem-solving, and teamwork skills through interdisciplinary projects and lab work.		

SKILLS	Microsoft (Intune, Entra, Azure)	JavaScript/Typescript	MySQL
	Zabbix	React/Next.js	R
	HTML/CSS	Python	Prisma/PostgreSQL

COURSES

Nov 2025	Scrum Product Owner Certification, Scrum.org
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PROJECTS

AI-Based Talent Matching System for Project Staffing *Python, AWS Bedrock, LangChain, FAISS, Jira API, REST APIs, Next.js*

- Developed an AI agent to automate employee recommendations for project requests (AFRAs) by integrating consultant profiles and Jira data
- Implemented semantic skill matching using Titan Embeddings and FAISS for efficient similarity search
- Used LangChain to orchestrate prompt management and interaction with AWS Bedrock models (Claude) for scoring and explanations
- Built a Next.js (Typescript, React, Tailwind CSS) frontend application where users input an AFRA number to view a ranked list of matching employees with matching percentages and explanations of fit or skill gaps

Othello Game with AI Opponent *Java, JavaFX GUI, Minimax & Alpha-Beta Pruning*

- Developed a fully functional Othello (Reversi) game as a university project, featuring a graphical user interface using JavaFX.
- Implemented an AI opponent using the Minimax algorithm with Alpha-Beta pruning to optimize decision-making and performance.

To-Do App – Task Management Web App *Next.js, React, TypeScript, Tailwind CSS, Vercel*

- Designed and developed a responsive task management web application with a clean, minimal UI.
- Implemented core CRUD features: add, mark as complete, and delete tasks with instant updates using React state management.
- Deployed on Vercel with continuous integration from GitHub for automated and seamless updates.
- Optimized for fast loading and cross-device usability with responsive layouts.

Business Landing Page – Full Stack Web Application *Next.js, React, Typescript, Tailwind CSS, Prisma ORM, PostgreSQL, Stripe Checkout, Nodemailer, Vercel*

- Developed a production-ready landing page with integrated payment flow using Stripe Checkout for secure transactions.
- Built a scalable backend with Prisma ORM and PostgreSQL to handle user data and form submissions.
- Implemented Nodemailer integration for automated email confirmations and client communication.
- Designed a responsive, mobile-first UI using Tailwind CSS and modular React components for maintainability.