Edvin Rahnama

Data Scientist | Software Developer

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🔨 SKILLS

Database ●●●●○
- SQL (MySQL, Oracle, PostgresSQL)
- NoSQL (MongoDB)

Python ●●●●○
- Data Science (ML/AI, NLP, Scikit-learn, TensorFlow)
- Web Development (Django, Flask)
- Web Scrapping

JavaScript ●●●○○

Monitoring & Logging ●●●○○
- Grafana, ELK Stack
- Other (Nginx)

CSS ●●●●○
Bootstrap, TailwindCSS

Git ●●●●○

Docker ●●●○○

Java ●●○○○

Linux ●●●○○

PHP ●●●○○

C/C++ ●●●○○

Power BI ●●●○○

AWS Cloud ●●●○○

HTML ●●●●○

WordPress ●●●○○

R ●●●○○

Power BI ●●●○○

Agentic AI ●●●○○

💼 PROFESSIONAL EXPERIENCE

Data Scientist
Helmholtz-Zentrum Hereon
Jul 2025 – Present | Geesthacht, Germany
- Built physics-informed models (PINNs and PINO) to solve PDE-governed systems; tracked data/BC/PDE residual losses and training curves.
- Performed corrosion kinetics parameter estimation from polarization data, fitting key quantities (e.g., exchange current density, transfer coefficients, equilibrium terms) and validating fits against full I–E behavior, not just the Tafel region.
- Used disciplined workflows (versioned configs, explicit snapshot inputs), plus sanity checks for loss balance and stability during training.

IT Systems & Automation Engineer
t2consult
Apr 2025 – present | Preetz, Germany
- Jira Software customization/ multi-env GitHub Actions pipelines and CI/CD deployment/ Workflow and permission automation
- Windows Server file system automation (PowerShell for file ops, log lifecycle, safe cleanup)/ Linux server scripting (bash/cron/systemd) for build/deploy/maintenance
- Zabbix monitoring integration; Python automation log pipeline for observability
- n8n workflow automation across Jira/DB/webhooks
- Userscripts / targeted JS injections for Jira Data Center diagnostics
- Jira version compatibility testing and release readiness
- Data Center App Approval for Confluence/Jira and enterprise instance readiness (performance, security, supportability)

Data Science Project Collaborator
80s80s Radio GmbH & Co. KG
Aug 2023 – Jan 2024 | Kiel, Germany
- Applied advanced NLP and large language models (LLMs) to create personalized user experiences

English ● ● ● ● ○
German ● ● ● ○ ○
Turkish ● ● ● ○ ○
Persian ● ● ● ● ○

Collaboration and teamwork   Flexibility

Time management   Problem-solving

Attention to detail   Eager to learn

Patience   Team work

Bachelor of Science in Information Technologies
Eastern Mediterranean University
Feb 2018 – Jul 2021 | Famagusta, Cyprus

- Comprehensive coursework in programming, database management, computer networks, operating systems, and software engineering.
- Developed strong analytical, problem-solving, and technical skills through hands-on projects and a graduation thesis.
- Accredited by ASIIN and awarded the Euro-Inf quality label, ensuring high international education standards.
- Graduated with GPA: 1.6

Master of Science in Data Science
Kiel University of Applied Sciences
Sep 2022 – Dec 2025 | Kiel, Germany

- Coursework includes Machine Learning, Data Visualization, Big Data Technologies, Deep Learning, and Cloud Computing.
- Focus on real-world applications through collaboration with industry partners and practical projects addressing real business challenges.
- Developed expertise in data management, analytics, and ethical use of data across various domains.

- Integrated Spotify and Musixmatch APIs to enrich music content, significantly enhancing the platform's user engagement and satisfaction
- Restructured data preprocessing pipelines, reducing processing time and improving overall workflow efficiency
- Developed machine learning models for text classification and sentiment analysis, improving the quality and relevance of content

Data Scientist
Satrap Investment Group Co.
Jul 2019 – Nov 2022 | Famagusta, Cyprus

- Implement data-driven operational strategies, increasing real estate transaction efficiency
- Enhanced market trend forecasting and property valuation accuracy through development of advanced machine learning models
- Conducted customer behavior analysis, leading to optimized marketing strategies
- Improved data pipelines, enabling faster analytics and enhanced decision-making capabilities

Assistantship In Information Technology
Eastern Mediterranean University
Jul 2019 – Jul 2021 | Famagusta, Cyprus

- Diagnosed and resolved system issues, reducing downtime by 40% and ensuring seamless operations
- Maintained and setup computer systems of university departments to ensure smooth performance exprience for users

Web Developer
Ratin Company
Jan 2017 – May 2019 | Tehran, Iran

- Improved web application performance by reducing loading times, enhancing user experience and satisfaction
- Designed intuitive UX/UI interfaces, increasing organic traffic and increase in e-commerce purchases

- Introduction to LLMs in Python ⬈
- AWS Cloud Technology and Services ⬈
- Data Driven Decision Making for Business ⬈
- Introduction to MLflow ⬈
- Introduction to Kafka ⬈
- Power BI for End Users ⬈
- Developing AI Models with Machine Learning Clients for SAP HANA ⬈
- Intermediate Python for Finance ⬈
- Introduction to Docker ⬈