Leoluca D'Atri

Junior Software Engineer

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🔤 Swiss German, German, English, Italian

🎓 Education

University of Turin   2021 - 2024
BS Computer Science   *Turin*

💼 Experience

Auroware   Feb 2020 – Jun 2021
Co-Founder   *United Kingdom*

> * Served as CIO of a consultancy firm, focused on competitive consulting services in the UK market, with GradFuel as a primary client.
> * Led the implementation of modern technologies tailored to clients' needs, enhancing efficiency, revenue, customer satisfaction, and productivity.
> * Gained valuable business experience and contributed to clients' success by helping them stay ahead in a rapidly evolving technological landscape.

GradFuel   Apr 2020 – May 2021
Project Manager & Full Stack Engineer   *United Kingdom*

> * Led a small team in building B2B SaaS graduate recruitment products using the MERN stack (MongoDB, Express.js, React, Node.js) and Agile methods.
> * Achieved significant cost savings for companies by making the recruitment process easier and faster
> * Expanded companies' access to a wider pool of qualified candidates and improved the overall candidate experience.
> * Contributed to GradFuel's valuation of £1.05M in 2020.

🧪 Projects

Full Self Driving Neural Network

> * Developed a reinforcement learning self-driving car simulation using JavaScript.
> * Implemented via a slightly enhanced multi-layer perceptron network to control autonomous vehicle behavior.
> * Created visualizations to monitor the neural network's performance.

FootballDataPortal

> * Developed a full-stack web application to visualize football data from Transfermarkt.
> * Built the frontend using React with Vite.
> * Implemented backend servers with Express.js, Java Spring, and Flask.
> * Utilized MongoDB and SQL for database management.
> * Deployed the application using Docker.
> * Conducted data cleaning, analysis and satistics with Jupyter Notebooks.

⚙ Skills

Front End JavaScript, NodeJS, React, TypeScript, Vite
Back End Express, Java, oAuth, NoSQL, Python, SQL
Testing/Deployment Docker, GitHub Actions
Developer Tools Agile, Asana, Git, Kanban, npm, Postman