Julien Look

Software Engineer

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SKILLS

Programming Languages
TypeScript, React, Vue.js, Angular,
React Native, Python, R, SQL

Architectural Development
Monorepo, Microservices, NX, Edge Computing,
Firebase, AWS

Frontend
Web Scraping, Selenium, Websockets, Socket.io,
GraphQL, E2E Testing, Cypress, UI kits, Bootstrap,
JQuery, Flask, Module Bundler, Webpack

Backend
Serverless Development, Multiprocessing
Database Management, MongoDB, ORMs, Prisma,
Unit Testing, Integration Testing, Jest, Express, Koa

Data Science
Image Classification, Time Series Classification,
Regression Analysis, Tensorflow, Keras, Pytorch,
Scikit-Learn, Big Data Mining, ETL Processing, Pandas

Languages
German (Native Proficiency)
Japanese (Professional Working Proficiency)
English (Full Professional Proficiency)

EXPERIENCE

Fullstack Developer, *fluentAI, Freelance* — 2023 - 2023, Berlin, Germany
- Built a highly customizable AI powered automation tool in a team of four developers
- Managed setup of Cloud Architecture using Firebase coupled with Microservices with NX
- Integrated seamless UI interactions, ensured efficient data transfer between states & database
- Implemented Live Collaboration to enable multiple users to collaborate on one flow

Fullstack Developer, *VibeVote, Freelance* — 2023 - 2023, Berlin, Germany
- Contributed to a live voting App for Spotify playlists in a pair project
- Fully covered Backend Testing with Unit Tests and Integration Tests using Jest
- Covered whole user journey using E2E Testing with Cypress
- Increased scalability and testability by restructuring Backend to modular services

Fullstack Developer, *Pitchify, Freelance* — 2023 - 2023, Berlin, Germany
- Developed a Mobile Music Streaming App using React Native and Websockets
- Enhanced the App's value by adding advanced functionality with audio pitch manipulation

Data Scientist, *Expresssteuer GmbH* — 2021 - 2022, remote
- Managed ETL processes & reimplemented Data Warehouse using dbt and BigQuery, reduced original database costs by more than 90%
- Contributed to Microservices codebase coupled with Firebase Cloud Functions
- Accelerated Customer Success workflow with Chatbot that responds to customer inquiries
- Leveraged Machine Learning tools to automate document screening and cut labour cost by 90%

Software Engineer, *Freelance* — 2020 - 2021, remote
- Developed Urban Planning App to help users build fast prototypes in first product stage
- Modelled several Machine Learning prototypes to classify music eras by their spectrographs

Operating System Engineer, *Bosch, Internship* — 2019 - 2020, Singapore
- Implemented features in Bash & Python to improve usability of the internal OS for 3000 users
- Improved security during OS installation by creating a verification step for untrusted software

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EDUCATION

Software Engineering Immersive, *Codeworks* — 2023 - 2023, Berlin, Germany
- Advanced Javascript paradigms, Backend frameworks, Frontend frameworks

B.Sc. Computational Engineering Science, *Technical University Berlin* — 2018 - 2021, Berlin, Germany
- Grade: 2.1, (equivalent to a GPA of 3.1 or a score of 86%)
- Bachelor Thesis on Advantage Actor-Critic Reinforcement Learning, grade: 1.3