EDUARD JACOBS

Backend Software Engineer

@ jacobs.eduard@proton.me   ⚲ Los Angeles, CA

SUMMARY

Dynamic Senior Engineer with over 5 years of experience in backend and full-stack development. Expert in leading the design and optimization of robust systems, with a focus on scalable server-side applications and comprehensive solutions. Proficient in TypeScript, Python, various databases, cloud services, and agile methodologies. Eager to apply backend engineering skills in a challenging environment to drive innovative technology solutions.

PROFESSIONAL EXPERIENCE

Backend Software Engineer

Meet Kai

📅 03/2022 - Present   ⚲ Los Angeles, CA

- Designed and implemented a robust backend application using TypeScript and Node.js with the NestJS framework, ensuring optimal performance and scalability
- Established a CI/CD pipeline with automated testing, reducing end delivery time by 60% and enhancing deployment efficiency
- Enhanced PostgreSQL performance and scalability in high-load environments by integrating Redis caching, markedly improving response time for critical real-time applications
- Engineered Python-based Blender plugins for rigging 3D characters, enabling dynamic interactions in a 3D project featuring an AI-controlled conversation system for enhanced user engagement
- Developed a real-time lip sync library for 3D characters, enabling live speech sync with voice streaming and translation

Full Stack Developer (Freelance)

Upwork

📅 07/2020 - 03/2022   ⚲ Los Angeles, CA

- Collaborated closely with clients to translate their vision into functional, dynamic web applications, receiving 95% positive feedback on user experience and design
- Engineered comprehensive web solutions for diverse clients using technologies like React, React Native, Django, and Node.js, significantly enhancing client business efficiency
- Designed, developed, and deployed responsive websites and applications with modern JavaScript frameworks, ensuring cross-platform compatibility and high performance
- Managed full project lifecycle for various clients, from initial consultation and needs assessment to deployment and maintenance, consistently delivering within deadlines

Full Stack Software Developer

InHouse Produce

📅 04/2019 - 07/2020   ⚲ Los Angeles, CA

- Developed software for IoT devices that manage multiple sensors, streaming, processing, and storing data to ensure accurate monitoring and operational control in real-time environments
- Designed and implemented a user-friendly full-stack application for restaurant staff to manage vertical farming systems, featuring live data visualization and automated alerts for system anomalies
- Optimized database and server performance for IoT systems handling large sensor data volumes, significantly reducing response times and improving data processing efficiency
- Led the deployment and continuous improvement of IoT systems in multiple restaurant locations, providing regular updates, maintenance, and technical support to ensure optimal operation

PROGRAMMING LANGUAGES

TypeScript

Python

Rust

STRENGTHS

💬 **Oral and Written Communication**

✔ **Reliable and Consistent**

📒 **Committed to Lifelong Learning**

🧍 **Team Building**

EDUCATION

Computer Science

Los Angeles Valley Collage

📅 2014 - 2017   ⚲ Los Angeles, CA

GPA **3.8** / 4.0

Full Stack Development

University of California, Los Angeles

📅 2018 - 2018   ⚲ Los Angeles, CA

GPA **3.9** / 4.0

REFERENCES

Trevor Hudson, InHouse Produce

212-330-1122   richard.smith@wolfinc.com

Jacquie Babakanian, MeetKai

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FIND ME ONLINE

🌐 **Portfolio**
https://ejresume.com

in **LinkedIn**
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