JAKE BESTLAND

Full-Stack Software Engineer | Python & Django Specialist | Business-Savvy Technologist

✉ jake.bestland@gmail.com 🌐 jake-bestland.xyz 📞 (952) 228-6733
in linkedin.com/in/jake-bestland ○ github.com/jake-bestland 📍 Blaine, MN

SUMMARY

Full-Stack Software Engineer with 1.5+ years of hands-on development experience in Python, Django, JavaScript, and SQL. Proven ability to improve system performance, scalability, and security through meticulous analysis and best-practice implementations. Former co-owner of a successful 20-year business, bringing a unique blend of technical expertise and business acumen. Recognized for streamlining operations, reducing costs, and enhancing customer satisfaction through data-driven decisions and efficient workflows.

SKILLS

- **Programming Languages**: Python, JavaScript (es6, JSON), SQL, HTML5, CSS3
- **Frameworks & Libraries**: Django, Bootstrap, Python Arcade
- **Databases & Cloud**: MySQL, PostgreSQL, AWS, Azure
- **Testing & Debugging**: Test Driven Development (TDD), Debugging, Troubleshooting
- **CI/CD & Development Methodologies**: GIT, GitHub, Object Oriented Programming (OOP), REST APIs, Software Development Lifecycle (SDLC)
- **Soft Skills**: Analytical Thinking, Problem Solving, Written and Verbal Communication, Team Collaboration, Customer Relations, Continuous Improvement

EXPERIENCE

Software Development Consultant   Remote Jan. 2024 - Present
- Advised businesses on software improvements, focusing on performance optimization, scalability, and user experience.
- Optimized software performance through in-depth analysis and system refinements, increasing efficiency and reducing operational bottlenecks.
- Enhanced system scalability by implementing robust architectural solutions, enabling businesses to handle increased user demand without performance degradation.
- Strengthened application security by identifying vulnerabilities and integrating best practices, reducing potential risks and ensuring compliance with industry standards.

Bestland Aluminum Products - Installer (Co-owner)   Savage, MN June 2003- Dec. 2023
- Reduced marketing spend by 80% by pivoting to strategic social media outreach and emphasizing customer experience
- Boosted accepted estimates to 90% through reputation-driven sales strategies and competitive pricing models.
- Improved transparency and client communication by redesigning estimate templates with visual elements and location indicators.
- Cut job completion times by 25% by restructuring workflows and optimizing task parallelization.
- Minimized waste and logistics costs through the adoption of a Just-In-Time (JIT) inventory system.

PROJECTS

Portfolio Website. (jake-bestland.xyz**)**
- Built with Python, Django, and Bootstrap to showcase full-stack capabilities and personal projects.
- Deployed on AWS by leveraging cloud computing services, ensuring scalability, reliability, and high availability.
- Integrated RESTful APIs for dynamic data interaction and third-party service integration.
- Designed and implemented a responsive UI using HTML, CSS, and Bootstrap, optimizing user experience across various devices and screen sizes.

Local Library. (jacobb.pythonanywhere.com**)**
- Developed a library website using Python, Django, and Bootstrap, enabling users to browse books and authors by utilizing web development skills, improving accessibility to the library's catalog.
- Implemented user account management features using authentication and database management using MySQL and PostgreSQL, allowing patrons to securely manage their accounts and track borrowed books.

- Designed a responsive and user-friendly interface with HTML, CSS, and JavaScript, incorporating intuitive navigation and search functionality to enhance engagement and usability.
- Optimized website performance by structuring efficient SQL database queries, implementing caching strategies, and leveraging Test-Driven Development (TDD) to reduce load times and improve responsiveness.

EDUCATION
Coding Nomads - (Grad. - 2024)
Python Full Stack Software Engineering: Web Development, Web services, SQL, Unit Testing, Object-Oriented Programming (OOP), Test-driven Development (TDD)

St. Cloud State University - (Grad. - 2009)
Bachelor of Science in Entrepreneurship