

Maliek Davis

Software Engineer

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See more

Check out my website @ **MALIEK-DAVIS.com** for more. (blog, portfolio, about, cv download)



Maliek-Davis.com

ABOUT ME

I am a passionate self-taught developer dedicated to leveraging the transformative power of computer science to drive meaningful, scalable impact on a global scale.

Motivated software developer with three years of experience delivering high-quality, scalable solutions. Seeking to join a dynamic team to refine my skills, drive innovation, and contribute to impactful projects aligned with organizational goals.

AREAS OF FOCUS

- **COMPUTER SCIENCE**
[Mastering fundamentals to solve complex problems.](#)
Deep understanding of core computing concepts, including algorithms, data structures, and system design. Skilled in leveraging foundational principles of computer science to solve abstract problems and create innovative, scalable solutions.
- **OPTIMIZATION & PERFORMANCE**
[Maximizing efficiency through proven methodologies.](#)
Expertise in profiling, refactoring, and optimizing code to enhance software performance. I am skilled in applying techniques such as caching, load balancing, query optimization, and asynchronous processing to improve application responsiveness and scalability.
- **DESIGN & ARCHITECTURE**
[Creating maintainable systems with a strong foundation.](#)
Proficient in applying design patterns, SOLID principles, and best practices to build flexible, robust architectures. Focused on developing maintainable applications that evolve with user needs while minimizing technical debt and ensuring long-term sustainability.

EXPERIENCE

- **Authentication App**
 - **TECH-STACK:**
NextJS, NextAuthJS, TypeScript, MongoDB
 - **CHALLENGE:**
Create authentication flow for persisted user database design
- **Native CMS**
 - **TECH-STACK:**
NextJS, NextAuthJS, TypeScript, MongoDB, TinyMCE
 - **CHALLENGE:**
Application needed to maintain content

TECHNOLOGIES, PROCESSES & SOFT SKILLS

- **Programming Languages:**
JavaScript, NextJS, TypeScript, React Native, ReactJS, Python, SOLID, design patterns
- **Machine Learning & Data Science:**
PyTorch, Pandas, TensorFlow, scikit-learn, data processing, model selection
- **SOFT SKILLS:**
 - Communication at various stake levels
 - Active Learning
 - Critical Thinking
 - Observation
 - Analysis

API CREATION & INTEGRATION

Building the connective tissue of modern applications.

Expert in designing and integrating APIs using REST and GraphQL, employing best practices for security, scalability, and performance. Skilled in creating seamless communication layers that drive connectivity and enable dynamic web and mobile experiences.

PERSONAL

I am deeply passionate about technology, innovation, and continuous learning. My ambition is to aid in the innovation and exploration of Artificial Intelligence, quantum computing, and neuroscience. Be a part of the thinkers that are shaping the future.

