

MOHAMMAD PASHA KHOSHKEBARI

Full-Stack Software Developer

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SUMMARY

As a highly skilled full-stack developer with a strong passion for leadership and problem-solving, I am dedicated to utilizing my technical abilities to drive positive change and make a difference in my community. With a strong background in programming and a desire to continuously learn and grow, I am constantly seeking new challenges and opportunities to improve my skills and contribute to my team's success.

WORK HISTORY

ACE Revealer - Director of Technology 03/2023 - Current

- Launched groundbreaking technology initiatives like Outreach Genius, an AI-driven tool that generates customized messages on a massive scale
- Devised state-of-the-art project frameworks for cohesive integration and robust performance, supporting diverse applications through an efficient, modular architecture
- Fostered dynamic team collaborations by implementing agile methodologies and weekly stand-up meetings to enhance communication and unified efforts
- Strategically planned comprehensive project blueprints, optimizing resources and expediting timelines to accurately anticipate project durations and allocate resources
- Built a high-performance system from scratch, providing seamless functionality and streamlined maintenance

Contract - Full Stack Software Engineer 09/2020 - 03/2023

- Excelled as a versatile freelance developer, crafting bespoke solutions for diverse industries such as accounting, team management, and childcare
- Cultivated strong client relationships by understanding their unique needs and creating tailored software, such as a real-time database for a childcare facility
- Demonstrated expertise in full stack development, leveraging cutting-edge technologies to maximize functionality, like incorporating a real-time order feature into a waitlist for improved user experience
- Consistently met project goals while managing multiple priorities and maintaining exceptional quality, delivering 5+ high-quality projects on time and within budget, achieving a 100% client satisfaction rate
- Adapted rapidly to emerging trends, ensuring seamless integration and compatibility with ever-changing market demands

PERSONAL PROJECTS - [Personal Website For More](#)

Oak Lawn Child Care Waitlist

Summary:

- Developed a responsive and visually appealing childcare website with a feature-rich waitlist application using Firebase authentication
- Implemented user registration for parents, allowing them to easily add their children to the waitlist and view/edit their information
- Enhanced user experience by providing parents with access to their child's waitlist order and center information through their personal account
- Supported **242** parents daily, providing services for **300+** children.

Code: <https://github.com/HOPE028/waitlist>

Stack: React.js, JavaScript, HTML5, CSS3, Firebase Authentication, Firestore Cloud, React Router

Othello and AI

Summary:

- Developed a Java-based version of the Japanese game Othello (Reversi) with a minimax-powered AI opponent
- Implemented alpha-beta pruning and a custom point system to optimize the performance of the AI
- Created an interactive console-based interface that allows players to challenge the highly skilled AI opponent
- Results: The algorithm effortlessly defeated a more naive minimax algorithm that looked 11+ moves ahead, despite only looking 8 moves ahead and computing 10 times faster

Code: <https://github.com/HOPE028/Othello-AI-in-Java>

Stack: Java

Visual Sorting App

Summary:

- Created an interactive and visually engaging tool that effectively demonstrates the inner workings of various sorting algorithms
- Developed and integrated 6 different sorting algorithms, providing a comprehensive and easy-to-understand visualization of each one

- Incorporated the ability for users to adjust sorting speed and list size, providing a unique and customizable learning experience

Code: <https://github.com/HOPE028/Visual-Sorting-App>

Stack: React.js, JavaScript, HTML5, CSS3

TECHNICAL SKILLS

Technologies: TypeScript, JavaScript, Java, C/C++, C#, HTML5, CSS3, GraphQL, Python

Frameworks/Libraries: React.js, Node.js, Express.js, Bootstrap, React Router, Firebase, Scikit Learn, Cors, DotEnv

Tools: GIT, Adobe Photoshop, Microsoft 365, GitHub. **Database:** Firestore Cloud, MongoDB