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Max Kempler

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EDUCATION

Marist College, Poughkeepsie, NY - Bachelor of Science degree expected May 2025
Major field: Computer Science - concentration in software development
GPA: 3.4/ 4.0 (Dean's list)
Relevant Coursework: Programming Fundamentals, Advanced Software Development, Systems Analysis, Database Management & Design, Networking and Data Communications, Internetworking Principles

EXPERIENCE

Web Programmer

Marist College, Poughkeepsie, NY

February 2023 - Present

- Maintain and optimize GLPI, an open-source IT asset management software
- Developed and implemented an automated script that retrieves items marked as "critical" in GLPI inventory and posts the information to a dedicated Xymon screen for Operations, enhancing real-time monitoring and response.
- Implement and integrate innovative features enhancing system functionality and data management.
- Collaborate effectively with the team to troubleshoot and resolve technical issues

Teaching Assistant for Software Development 2

Marist College, Poughkeepsie, NY

June 2023 – July 2023

- Demonstrated proficiency in JavaScript, HTML, and CSS, by providing hands-on assistance to students in debugging and problem-solving
 - Effectively explained complex software development concepts to students with varying levels of experience and technical backgrounds
 - Evaluated assignments and projects, delivering comprehensive feedback to foster student growth
 - Collaborated with the course instructor to brainstorm and implement creative teaching approaches
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PERSONAL PROJECTS

Software Development

- **[Dynamic Social Media Website](#)**: Designed and developed a dynamic social media website adhering to RESTful principles. Built the front-end using HTML and CSS, while leveraging JavaScript and Node.js with the Express framework for the back-end development. Utilized Postgres as the database system.
 - **[AI Chatbot](#)**: Engineered an AI chatbot in python that leveraged deep learning models to understand user queries and generate human-like responses. Integrated NLP for effective analysis of natural language input and relevant
 - **[Real-Time Weather App](#)**: Developed a weather app using Python that utilizes API calls to fetch real-time weather data. Implemented location-based forecasts, an intuitive GUI using Tkinter, and seamless data retrieval
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SKILLS

Technical

- **Programming Languages**: Python, Java, JavaScript, PHP
- **Web Development**: HTML, CSS, Git, Node.js, RESTful APIs, Express
- **Database Management**: SQL, Postgres
- **Cloud/DevOps**: AWS, Docker
- **Other**: Linux, Drupal, Postman, Excel