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Max Kempler

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EDUCATION

Marist College, Poughkeepsie, NY - Bachelor of Science degree 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

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EXPERIENCE

Web Programmer / DevOps Support
Marist College, Poughkeepsie, NY   *February 2023 - Present*

- Maintain and optimize GLPI, an open-source IT asset management software.
- Enabled real-time monitoring, responses, and other automations through the creation of scripts that watch for tagged items in the GLPI inventory and posts the inventory data to a dedicated Xymon screen for Operations.
- Work with stakeholders to identify, 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*

- Provided hands-on assistance to students in problem-solving approaches, and debugging languages such as JavaScript, CSS, and HTML.
- 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, document, and implement creative teaching approaches.

PERSONAL PROJECTS

Software Development

- **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 and understanding of natural language input, providing contextually relevant responses.

- **Dynamic Social Media Website**: Designed and developed a dynamic social media website with a REST API, leveraging Node.js, Express, and JavaScript. Adhering to RESTful principles. Utilized Postgres as the database system. Built the front-end using HTML and CSS.

- **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.

SKILLS

Technical

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