**Michael A. Carey**
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### Objective

Driven software development professional with expertise in AI, cloud solutions, and full-stack develop-ment, who is seeking opportunities to deliver innovative solutions at a dynamic company.

### Skills:

* **Programming**: *C++, C#, Java, JavaScript, Python, SQL, Bash, PowerShell, PHP, CSS, HTML5*
* **Tools & Platforms**: *Azure, AWS, Docker, Kubernetes, Git, Ansible, Linux (RHEL, Debian, Ubuntu)*
* **Development Environments**: *Visual Studio, VS Code, Unity, Android Studio, Command Line*
* **Graphics Software**: *Blender, Krita, Inkscape, GIMP, Adobe Photoshop*

### Professional Experience:

### ****Software / DevOps Engineer**** July 2021 – Present*****Devmats*****

* Directed ***Linux***-based server architecture and virtualization using ***Proxmox*,** overseeing the deployment and maintenance of applications like ***OpenProject, Rocket.Chat,*** and ***MySQL*.**
* Developed and deployed ***AI solutions*,** including ***chatbots, image recognition, and document processing applications,*** leveraging ***Python*** and a custom ***GPT-4 API backend with CherryPy.***
* Oversaw team management and coordinated ***DevOps workflows*** to ensure streamlined operations and project alignment across development initiatives.
* **Led team management and Agile-based project management through *OpenProject*, ensuring streamlined workflows and alignment across *DevOps* and *development teams*.**

**Cloud Software Engineer June 2022 – March 2024**
***Lexmark***

* Developed and optimized ***Java-based REST APIs*** and ***microservices,*** ensuring seamless inte-gration and scalability within ***Linux*** and ***cloud environments.***
* Designed and implemented ***CI/CD pipelines in Azure,*** leveraging ***DevOps*** tools like ***Docker*** and ***Kubernetes*** to automate deployments and enhance system reliability.
* ***Agile, Scrum, and SAFe-aligned teams*** to ensure efficient project delivery and cross-functional collaboration.
* Integrated ***AI*** automation tools, including ***CoPilot, GPT-4, and LLaMA,*** to enhance backend fun-ctionalities and improve data-driven decision-making.

**BPM Consultant July 2020 – May 2022**
***Lateetud***

* Deployed, Administered, and customized ***Bizagi BPM*** solutions for banking clients.
* Built and managed serverless ***API*** functions using ***Azure Functions and AWS Lambda***, leveraging ***C# and Python*** to automate processes and improve scalability across platforms.
* ***AI/ML*** models using ***Textract, Comprehend, S3, and SageMaker.***
* Developed ***robotic process automation (RPA)*** solutions to streamline repetitive tasks.
* ***Linux*** and ***Windows-Server*** administration and configuration.

**BPM Technical Consultant May 2018 – July 2020**
***Bizagi***

* Led technical implementation for ***BPM software*** with ***.NET, C#, SQL, and Bizagi Studio***.
* Developed and tested integrations using ***C#, Postman, and Node.js.***
* ***Bizagi solutions*** across both ***cloud and on-premises*** environments for flexibility and scalability.

**BPM Developer May 2016 – March 2018**
***TRAX***

* Developed enterprise ***BPM solutions with K2 Blackpearl, .NET, and Smartforms,*** handling ***SQL databases and virtual environments.***

**Computer Adviser Aug 2010 – May 2016**
***Petopia***

* Provided ***IT support, system maintenance, web development, and cross-platform*** administration.

### Education:

***Bachelor of Science in Computer Science***
**Lynchburg College** ***August 2010 -* May 2015**

* **Minors**: Criminology, History
* **GPA**: 3.22

***International Studies* *May 2012 – June 2012***
**Université Laval, Québec, Canada**

**Languages**: English (Native), French (Conversational)

### References:

Available upon request