**PHILIP GEHDE**

## *Professional Experience*

**Software Developer, *AEI Environmental Consultants* (Feb. 2020 - Current)**

* Led development and implementation of a companywide invoicing system, resulting in +$300,000 annual cost reduction in credit card fees (JavaScript, NodeJS, SQL, Azure AD).
* Led data consolidation between Microsoft Dynamics CRM and proprietary Filmmaker application (Core infrastructure), improving decision-making and operational effectiveness across the organization (Python, SQL, Azure Data Factory).
* Developed custom solutions in Python to enhance SharePoint DMS functionality and provided automation tools to boost accounting department productivity (Python, VBA).
* Improved SEO and performance of the company's WordPress website, leading to increased organic traffic and better user experience (WordPress, SEO, Google Analytics).

**Coding Instructor, *The Coder School* (May 2017 - Feb. 2018, May 2023 - Current)**

* Taught 100+ hours of private lessons and classes of up to 10 students (entry level-post grad.) in programming fundamentals including subjects like OOP, Software Architecture, Data Structures and Algorithms, Test Driven Development (TDD), and project management (HTML & CSS, JavaScript, JS frameworks, Python, and C++)

**Full-Stack Developer, *Upworks.com and Freelancer.com* (Jan. 2019 - Current)**

* UI/UX developer of concert/event ticket booking software, creating table-based features to enhance data visualization (HTML, CSS, JavaScript, Java, Spring).
* Junior developer on a booking application for a travel agency using Rails 6.

**Founder & Lead Developer, *Quant Designs LLC* (Jan. 2017 - Jan. 2019)**

* Developed custom Python solutions for advanced financial data analysis, to guide investment decisions.
* Developed Python scripts for proactive monitoring of financial markets and timely alerts on investment opportunities in relation to earnings strategies.
* Designed multiple websites for local businesses with SEO optimization to drive traffic (MERN stack, React).

**Front-End Developer (UX&UI), *Telstar Publishing* (May 2017 - Feb 2018)**

* Developed responsive website for publishing company (HTML5, CSS3, JavaScript, SEO).

**Web Host, *American Originals* (May 2017 - Feb 2018)**

* Developed and deployed e-commerce platform and managed customer care and service for merchandise sales.

## *Education:*

* **Bachelor of Science in Computer Science (w/ honors)**, *Montana State University, Bozeman, MT, 2020-2022*
* **Associate degrees in Computer Science & Mathematics**, *Diablo Valley College, 2017-2019*
* **International Baccalaureate**, *Stonehill International School, Bangalore, India, 2010-2012*

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## *Languages:*

* Native in German and English.

## *Professional Profile:*

Technology/Platforms:

* Windows (Server and Client OS - spanning the last 10 years)
* Linux (Ubuntu, Arch)
* macOS (Latest versions, +10.0)

Sourcecode/Document Management:

* GitHub
* Bitbucket
* Confluence

Development Tools/Languages:

* Visual Studio (JavaScript, Python, C++)
* Eclipse
* IntelliJ
* Vim
* Android Studio

Test Tools:

* Selenium
* Junit
* Jenkins
* Postman

Methodology:

* Rapid Prototyping
* Agile/Scrum
* Agile/Kanban

Other:

* Citizenship: German
* Work Permit: European Union, USA.

References available upon request.