philip@meiers.in | (925)-725-9119 | github.com/codephilip

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.
- Streamlined data consolidation between systems, improving decision-making and operational effectiveness across the organization.
- Developed custom solutions in Python to enhance Sharepoint DMS functionality and provided automation tools to boost accounting department productivity.
- Improved SEO and performance of the company's WordPress website, leading to increased organic traffic and better user experience.

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 in programming fundamentals including subjects like OOP, Software Architecture, Data Structures and Algorithms, Test Driven Development (TDD), and project management.
- Tutored students ranging from high school to postgraduate level in a variety of languages and libraries involving HTML & CSS, JavaScript, Python, and C++

Full-Stack Developer, *Upworks.com and Freelancer.com* **(Jan. 2019 - Current)**
- Contributed to concert/event ticket booking software, specializing in UI/UX development and creating efficient table-based features.
- Collaborated on a booking application for a travel agency using Rails 6, gaining valuable insights into full-stack development and agile methodologies.

Founder & Lead Developer, *Quant Designs LLC* **(Jan. 2017 - Jan. 2019)**
- Developed custom Python scripts for advanced financial data analysis and investment decisions.
- Engineered Python scripts for proactive monitoring of financial markets and timely alerts on investment opportunities.
- Designed multiple websites for local businesses with SEO optimization to drive organic traffic.

Front-End Developer (UX&UI), *Telstar Publishing* **(May 2017 - Feb 2018)**
- Developed visually appealing and responsive websites using HTML5, CSS3, Vanilla JS, and Ajax, following SEO best practices.
- Achieved quantifiable metrics of increased user engagement and improved conversion rates.

Web Host, *American Originals* **(May 2017 - Feb 2018)**
- Developed and deployed e-commerce platform and managed customer care and service for merchandise sales.

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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*

Languages:

- Native in German and English.

Skills:

Technical Leadership: Proven experience in leading technical initiatives and mentoring junior engineers, providing guidance on best practices and architectural decisions.

Agile Project Management: Extensive background in Agile/Scrum methodologies, driving cross-functional teams to deliver high-quality software products on time.

Test-Driven Development (TDD): Adept at implementing TDD principles to ensure robust and maintainable code, resulting in fewer defects and quicker development cycles.

Operating Systems: Proficiency in managing and optimizing Windows (Server and Client OS), Linux (Ubuntu), and MacOS environments, ensuring seamless operation across platforms.

Development Environments: Seasoned in using a variety of IDEs, including Visual Studio Code, Atom, IntelliJ, PyCharm, Eclipse, and Android Studio, to enhance productivity and streamline development workflows.

Version Control and Project Management: Skilled in Git and proficient in utilizing project management tools such as Monday.com, Slack, and Jira to facilitate efficient collaboration and project tracking.

Programming Languages: Mastery of HTML, CSS, JavaScript, and Python, with expertise in crafting elegant and efficient code for web and software applications.

Frameworks: Extensive experience with prominent frameworks like React, NodeJS & Express, NextJS, and Ruby on Rails, as well as Python Standard Libraries like Pandas and Numpy, to build scalable and performant applications.

Database Expertise: Proficient in both relational and non-relational databases, coupled with expertise in in-memory data structure stores like Redux, ensuring data integrity and optimal performance.

Design and UI/UX: Proficiency in design tools such as Figma, Adobe Photoshop, and Illustrator, contributing to the creation of visually appealing and user-friendly interfaces.

Technical Depth: Strong background in Compilers and low-level languages like Assembly, along with in-depth knowledge of network protocols and systems, enabling a holistic approach to software development.

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Adaptability: Thrives in fast-paced work environments, excelling under pressure, and capable of seamlessly transitioning between in-person and remote development workflows.

Collaboration: Demonstrated ability to collaborate effectively with both small and large development teams, in-person, and remote.

Project Management: Passionate about project management, with a track record of successfully delivering complex projects on time and within budget.

Continuous Learning: Self-directed in staying updated with emerging technologies and software development tools, ensuring the adoption of the latest industry trends.

Communication: An effective communicator with clients and team members, capable of articulating technical concepts in a clear and concise manner.

Goal-Oriented: Driven by a goal-oriented mindset, combining exceptional teamwork and time management skills to achieve project objectives with precision and efficiency.

References available upon request.