Gregory Whitman

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Education

Bachelor's Degree in Computer Science, Minor in Mathematics

Shippensburg University - Shippensburg, PA
Accredited by ABET, Inc. (Accreditation Board for Engineering and Technology)
August 2015 - December 2019

Skills

Languages: JavaScript, Java, SQL(MySQL), C, PHP, OpenGL, Assembly Language, HTML, CSS
Tools & Applications: VScode, Eclipse IDE, Terminal, Git, Figma, Postman, Workbench, Docker
Frameworks: jQuery, NodeJS, Express, Bootstrap, Pug, Handlebars
Cloud Platforms: Amazon Web Services (AWS)

Work Experience

Full Stack Developer

Digital Media Solutions - (remote)
February 2021 - Present

- Developed and implemented a sophisticated anomaly tracking system, analyzing diverse business metrics and promptly notifying relevant team members to investigate root causes.
- Built a highly scalable Ad network capable of delivering billions of ads daily. System was capable of delivering targeted ads based on user agents and query string parameters. Also worked on ad optimization which automatically calculated best performing ads to deliver more often.
- Successfully integrated NodeJS applications with AWS services, including S3 and CloudWatch, optimizing operational efficiency and enhancing data management capabilities.
- Expanded existing REST API functionality by designing and building new features to meet evolving business requirements.
- Designed and implemented a user-friendly UI that interacted with APIs and executed SQL queries, streamlining team members' workflow for seamless completion of business tasks.
- Utilized NodeJS and SendGrid to construct and automate multiple recurring emails, conveying crucial insights into the businesses' recent performance.
- Demonstrated expertise in leveraging AWS services, particularly Gateway and Lambda, to enhance system performance and scalability.Maintained and updated multiple NodeJS applications, ensuring smooth and reliable operation.

Jr. Web Developer

PushPros - Anville, PA (In office - remote)
January 2020 - February 2021

- Wrote CRON jobs responsible for vital data collection, maintenance and manipulation.
- Familiarity with front-end technologies, including Pug templates, for clean data rendering and enhanced data visualization.
- Cleanly rendering data queried via databases and APIs for easy human visualization and consumption.

- Excellent problem-solving and communication skills, demonstrated through collaborating with the lead software engineer on end-to-end feature development.
- Proven ability to write effective UI tests to ensure software quality and robustness.

Personal Project Showcase

- gregorywhitman.dev - My personal website that hosts some of my personal projects as well as showcasing some of my skills.