

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, PHP, Java, SQL(MySQL), C, 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 [Aimtell] - (remote)

February 2021 - Present

- Developed and implemented a sophisticated anomaly tracking system, analyzing diverse business metrics to promptly notify relevant team members to investigate root causes.
- Helped build an Ad network capable of delivering billions of ads daily. System was capable of delivering targeted ads based on tracked user data. Also worked on ad optimization which automatically calculated best performing ads to deliver more often.
- Leveraged Cloudflare services to build an automated threat detection system by leveraging an AI LLM and Puppeteer to evaluate websites for potential threats using content classification.
- Integrated NodeJS applications with AWS services, including Gateway, Lambda, 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 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.
- 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.