Luke Whittle

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GitHub: https://github.com/whittlel | Portfolio: https://whittlel.github.io/luke-whittle-resume

Profile

Software Engineer with experience in web development, CI/CD automation, and database management, now focusing on applied AI integration, data pipelines, and testing. Skilled in TypeScript, Vue, SQL, and automation systems, with a strong ability to bridge software engineering and data-driven applications. Passionate about leveraging development and integration experience to contribute to intelligent systems in AI and robotics.

Experience

Engineer I (Promoted from Programmer II) — ATI

Remote | Jan 2021 – Present

- Promoted from Programmer II to Engineer I for contributions to application modernization, database version control, and process automation.
  - Developed and maintained internal applications using TypeScript and Vue 2/3, collaborating with senior developers and project stakeholders.
  - Decommissioned a legacy web application by recreating a functional development environment for maintenance and security updates, then assisted in rebuilding the replacement system, analyzing legacy code and porting core functionality into modern frameworks.
  - Implemented database version control using Flyway and Liquibase integrated with GitLab CI/CD pipelines, improving release management and reproducibility.
  - Supported and optimized SQL stored procedures, tables, and multi-database interactions to ensure performance and reliability.
  - Designed and maintained the company's training environment, keeping software and documentation synchronized with production systems.
  - Configured and supported E2E testing infrastructure using Cypress and Cucumber to validate key workflows and maintain quality assurance.
  - Collaborated with external customer success engineers to diagnose integration issues and deploy robust software solutions.
  - Earned Certified Scrum Developer (CSD) credential under David Bernstein (Dec 2022).
  - Attended Render Atlanta 2022, focusing on Vue and emerging AI/automation technologies.

Lead Website Developer — DCPV360 (Remote Contractor)

Remote | May 2020 – Dec 2021

• Led a distributed team to build over 65 interactive websites and supporting web applications, managing projects from design to deployment.
• Developed dynamic web content and e-commerce systems using JavaScript, HTML, CSS, and SQL.
• Managed stakeholder communication, project scope, and delivery timelines across concurrent development efforts.
• Built custom solutions including a 3D interactive web environment, embeddable video player, and automated update systems.
• Oversaw domain management, deployment pipelines, and automation workflows for client systems.

Founder — Luke Whittle's Tech Help

Charleston, SC | 2013 – 2016

• Founded and operated a small business providing computer setup, troubleshooting, and technology education services for home clients.

Education

University of South Carolina, Columbia, SC — B.S. Computer Information Systems, 2020

Technical Skills

Languages & Frameworks: TypeScript, JavaScript, Vue 2/3, Node.js, React.js, HTML, CSS, SQL
Automation & CI/CD: GitLab CI/CD, Flyway, Liquibase, Cypress, Cucumber
Databases: MSSQL, relational schema design, stored procedures
Applied AI Alignment: data pipelines, testing automation, integration support for intelligent systems
Cloud & DevOps: AWS (EC2, S3, Lambda, Amplify, CloudFront, CodePipeline, Elastic Beanstalk)
Other Tools: Git, Bootstrap, WordPress, Wix, Jira, Scrum/Agile methodologies, Unity3D