JUSTIN R. GOGAS

FULL-STACK SOFTWARE AND COMPUTER ENGINEER

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TECHNOLOGY SKILLS

- **Traditional languages**: C (21 years), C# (3 years), Java (20 years), UNIX shell scripting (9 years).
- **Web languages**: JavaScript (15 years), React (1 year), ColdFusion 10 (14 years), PHP 7 (5 years), HTML 5 (18 years), CSS (15 years), SOAP/REST web services.
- **Database**: SQL (15 years), Oracle (8 years), Hibernate (4 years), MongoDB (3 years).
- **Platforms**: Atlassian tools, Git, Microsoft .NET, NodeJS, Unity game engine.

EXPERIENCE

Software Engineer: 2019 - 2020, EVO Payments Inc., Denver, CO

- Developed financial transaction code components in C# / .NET that were built in a Microsoft Azure DevOps environment and deployed across multiple machines using Puppet.
- Developed unit tests using NUnit and facilitated QA team in developing integration test cases.
- Notable project: 3-D Secure two-factor authentication: Developed integral components facilitating merchants and card brands to perform additional authentication for financial transactions (C#).

Owner & Chief Technology Officer: 2017 - 2019, Forgotten Dimensions Escape Adventures, Erie, CO

- Designed, developed, and integrated customer-facing website with a custom scheduling system (PHP, SQL) that integrated into a payment gateway processor (Stripe).
- Scripted Unity game engine interactions, physics, and logic (C#), and coordinated game engine communication and events with external microcontrollers for lighting, audio, and other physical effects (C).
- Notable project: Interactive Entertainment Control System: Designed, developed, and integrated multiple hardware and software components into one escape room control system: 30+ microcontrollers (Arduino, Teensy, Raspberry Pi), back-end server software (Java, PHP, SQL, and UNIX scripts on Debian 9), and front-end control website (React).

Application Developer & Integration Specialist: 2011 - 2018, Embry-Riddle Aeronautical University, Daytona Beach, FL

- Integrated university systems with vendor systems utilizing web service and API technologies.
- Developed, tested, deployed, and supported multiple software systems (50,000+ lines of total code) to support university objectives and users across the world on an agile team of six developers.
- Developed a custom form builder and framework using snippets that could be pieced together that reduced form development time from days to hours, with administrators able to access form submissions and data.
- Notable project: Snapshot Generation Manager: system built with Java, ColdFusion, and UNIX shell to integrate data from university systems and third-party vendors via REST / SOAP APIs.

Computer Science Staff II: 2005 - 2011, United Space Alliance, Cape Canaveral, FL

- Full lifecycle (requirements, design, development, integration, testing, deployment, maintenance) production of several web database systems that improved Space Shuttle engineering processes.
- Wrote 50,000+ lines of total code and more than 4,000 pages of documentation (requirements, design, testing, traceability, and user guide documents) across multiple software projects.

EDUCATION

- **Embry-Riddle Aeronautical University, Daytona Beach, FL, 2017.** BS in Computer Engineering.
- **Florida Institute of Technology, Melbourne, FL, 2008.** MS in Software Engineering.
- **University of Central Florida, Orlando, FL, 2005.** BS in Computer Science, Minor in Digital Media.