

Stacy Gay

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stacygay.com

Summary: Ever curious and effective software engineer with 13+ years of experience. Ever evolving, researched and introduced new platforms, architectures and workflows to drive forward innovation and productivity with increasingly complex applications in various mediums at scale.

Key Skills:

Web applications, Multi-tenant and SaaS architectures; SOLID OOP and Functional paradigms; Web service (REST and GraphQL) integration and development; Javascript/Typescript & frameworks such as Angular 2-13; React; Node.js; C# .Net 4.5+/Core/.Net 6; CSS/SASS, Tailwind; Android (Java) and iOS (ObjectiveC/Swift) app development; MySQL and SQL Server; Git; CI/CD Devops; Docker, microservices, AWS EC2 RDS, Cloudformation and Terraform administration

Education:

Coastal Carolina University Conway, SC May 2010

Bachelor of Science in Computer Science (Theoretical Track)

Experience:

Indeed

July '22 - April '23

Software Engineer II

- Developed and evolved Text2Apply / Scan2Apply product from experiment to enterprise release on a Python / Django, React based containerized environment
- Led the transfer of Text2Apply / Scan2Apply to enterprise and trained the enterprise team on its operation and maintenance as well as documented app flow, runbooks and playbooks.
- Developed and consumed GraphQL services to facilitate data flow between product teams
- Created and maintained microservices for managing user and location data
- Created logging and analytics platforms for monitoring product success
- Evolved infrastructure as part of move from local data centers to AWS using Terraform
- Built and maintained Docker images for Incubator projects
- Researched, benchmarked and presented best approaches to NodeJS project architecture
- Built up department wide infrastructure for NodeJS projects using Typescript, Koa and Remix
- Set up integrations with Sentry/Datadog for monitoring and diagnosing Django and NodeJS apps
- Developed unit (jest) and integration (testcafe) testing frameworks for new NodeJS stacks
- Took part in migration of products from Python/Django to NodeJS
- Mentored Junior engineers as well as trained seasoned engineers on NodeJS environments

Fuel Travel (Formerly Fuel Interactive)

June '10 - July '22

Software Engineer

- Architected, developed and maintained Guestdesk multi-tenant online and mobile travel reservation systems
- Created microservices/lambdaas for making inventory accessible to internal/external sources as well as processing static access uploaded from client dashboards
- Developed and consumed Soap and Rest APIs using .Net 4 / .Net Core to .Net 6 serving frontend and partner integrations

- Created and maintained NodeJS processes for handling i18n updates and build systems
- Profiled and introduced data and container caching systems to improve app performance
- Created, from the ground up, frontend SPAs using Angular 2 - Angular 13 including customer facing reservation systems, website plugins and client dashboards
- Developed Android and iOS native apps integrating with existing backend .Net APIs
- Built and maintained eCRM, Analytics, Abandonment and Targeted advertising systems using ExactTarget / Salesforce, MailChimp, Twilio, BlueShift, Google Analytics
- Campaigned to introduce unit / integration test suite using xUnit, Moq, Autofixture, Selenium
- Introduced and maintained devops systems using TeamCity and AWS CodeDeploy
- Built and maintained scalable cloud instances in AWS CloudFormation
- Led new feature initiatives and training of partner engineering teams for licensed software
- Interviewed, trained and code reviewed other software engineers

References / Recommendations:

Shad Belcher | Lead Software Engineer Fuel Travel | shadbelcher@me.com | (843) 848-2173

I worked with Stacy for 12 years doing software development and I know he would be an asset to any company looking for a software engineer. We worked on many projects over the years together and he had a great mind for architecture that was easy to maintain. We had a wide range of projects since we were a small company, and he was always willing to jump in wherever he was needed. He always kept up to date with his technical knowledge and taught me many things even though I had more years of experience. On a personal level, he was a joy to talk to about a variety of subjects and is a great dad. I would recommend him to any company.

Ronald Cheng | Engineering Manager at Indeed | rcheng@indeed.com

Stacy is a great engineer that built the redesign of our "Text to Apply" product's jobseeker facing portion. Beyond coding, he was the point of contact for the business stakeholders, as well as training the engineers that would take over maintenance of the product. Besides product engineering work, Stacy has found ways to improve our infrastructure. Examples include improving our Node framework for running tests and cron jobs, and making it easier to develop using CloudVM. In addition, Stacy mentored two developers, who gave great feedback on how helpful the mentorship was.

Russell Kyle | Staff Software Engineer at Indeed.com | russell.j.kyle@gmail.com

I have worked with Stacy on several initiatives. He had a big impact not only on our department but contributed to many different ecosystems and teams at the company. Stacy was especially valuable in our efforts to evaluate and switch tech-stacks from Django to Node.js. Which was an important technical and business initiative we were undertaking. Using his experience and expertise, he helped bring the new tech-stack to parity with our previous one. Tackling many of the harder issues that other engineers had pushed down the road. He is able to take a problem, research it and then come up with multiple options and then get alignment from the rest of the stakeholders. He leaves detailed instructions and would break out work items, making it easy for other engineers to pick up the work if needed. Beyond his technical skills he has excellent soft skills. He always had a good attitude about his work and toward his teammate, willing to jump in and help those that ask. All in all I'd take Stacy on my team again in a heartbeat if the opportunity presented itself.