Mike Stumpf

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DRY software engineer with a wide range of experience building bespoke websites, RESTful APIs, cross-platform mobile apps, and cloud DevOps solutions.

Respected leader and experienced communicator able to plan for both long and short-term deadlines while continuously managing expectations and accommodating unexpected events.

Demonstrated prowess synthesising cross-disciplinary information in a logical and user-friendly manner.

Employment

2020–Present

Application Development Sr. Engineer. American Family Ins., Madison, USA

Built enterprise API for business-to-business (B2B) property and casualty (P&C) insurance policy sales and quote integrations.

Technologies Used

AWS, Flask, Node.js, Pandas, Python

Key Achievements

—Applied and accepted into the Enterprise 2021 Venture Fellows program, an enterprise program focused on InsurTech and venture capital principles.

—Applied and accepted into the Enterprise's 2020 Digital Builder Program. The five month program is a partnership between American Family, the University of Wisconsin, and Amazon Web Services.

—Trainings: AWS Certified Developer - Associate, OWASP (Open Web Application Security Project) Compliance, PCI (Payment Card Industry) Compliance, SAFe (Scaled Agile Framework)

2019–2020

Senior Software Developer. Blain Supply, Inc., Janesville, USA

Led front-end development on the company's internal tools web software and mobile apps. Architected new front-end codebase and automated testing/build systems to ensure a stable, consistent user interface and user experience for both developers and the end user. Designed and implemented Xamarin apps for the next generation of handheld devices used throughout retail stores, warehouses, and the distribution center. Mentored junior developers.

Technologies Used

C#, Microsoft Azure, MS SQL, ReactJS, Sass, Selenium, SQLite, Swagger, Xamarin Android, Xamarin iOS

Key Achievements

—Developed Agile processes combining both Kanban and Scrum for organised workflows

2018-2019

Senior Web Developer. Propeller Health, Madison, USA

Managed several front-end web portals and user interfaces with the larger product portfolio. Supported multiple teams concurrently in both advisory and engineering roles.

Technologies Used

AngularJS, ReactJS, Sass (SCSS)

Key Achievements

—Championed and implemented legacy codebase rebuilds from AngularJS to ReactJS

Employment (cont.)

2017–2018 | **Senior Web Developer**. RecommenderX, Dublin, Ireland

Primary responsibilities included front-end web app architecture and data flow within a tailor-made FinTech big data analytics and visualisation platform. Elements of the web app included a dynamic charting library, PowerPoint-like report generation, and a data ingestion and review interface alongside user subscription management to control access and permissions for both clients and administrators.

Technologies Used

AngularJS, PostgreSQL, ReactJS, Redux, RxJS, Sass (SCSS), TypeScript

2013–2017 | **Lead Web Developer**. Ellefson Technology, Toronto, Canada

Designed and implemented projects of all sizes ranging from one-page websites using a content management system (CMS) to Software as a Service (SaaS) systems backed by proprietary code to high-traffic, luxury e-commerce sites. Responsible for organising and managing teams of clients, designers, and other developers in order to create tailored, responsive websites from verbal descriptions and visual mocks.

Technologies Used

ActionScript, AngularJS, Apache, Contentful, CSS, C#, Grunt, Gulp.js, HTML, Java, JavaScript, JSON, Less, Magento, MongoDB, MySQL, NGINX, Node.js, Objective-C, Photoshop, PHP, ReactJS, Redis, Ruby on Rails, Sass, Shopify, SMTP, WordPress, XML

2012–2013 | **Project Manager & Web Developer**. University of Toronto, Toronto, Canada

Developed websites and digital tools to support faculty research and further digital scholarship at the university. Organised purchases of professional-grade computing equipment from a grant of over $30,000 to create a digital scholarship laboratory on campus.

Technologies Used

Ajax, CSS3, Drupal, HTML5, JavaScript, Joomla, MySQL, Omeka, PHP, WordPress

2012 | **Database Engineer**. Purdue University, West Lafayette, USA

Organised and normalised data from ∼100 separate sources into a relational MySQL database able to be consumed both within a larger data ecosystem and used within a web app.

Technologies Used

Microsoft Access, MySQL, Visual Basic for Applications (VBA)

Education

2017 | **Higher Diploma in Science in Computing**. Technical University Dublin, Ireland
—Awarded First Class Honours

2013 | **M.A. Renaissance Literature 1500–1700**. University of York, England
—Recipient of the Departmental Postgraduate Award
—Granted a Graduate Research Fund stipend

2011 | **B.S. English Language & Literature**. University of Wisconsin–Madison, USA
—President of local chapter of Student Wisconsin Education Association
—Contributed to faculty research, enrolled in graduate-level courses, and undertook an independent study program during final year

References Available Upon Request