Tavis Tucker

Frontend Software Engineer
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Skills

- React/Redux; component-based development
- ES6 JavaScript knowledge
- HTML5 and CSS3/SASS/SCSS/Less for responsive websites and applications
- Data visualization concepts and libraries Victory, Highcharts and FusionCharts
- Well-rounded full-stack competence with PHP and MySQL experience
- REST API design; Postman and Swagger documentation
- Figma, InVision, and Adobe Creative Suite proficiency

Accomplishments

- **Tenable.sc**: accomplished major redesign of application and all UI components for first major version release of SecurityCenter in eight years
- **Tenable.io**: led team building dashboard and reporting software with React/Redux for ground-up redesign and rebuild of existing application
- **Tenable Cloud**: developed multiple features and new product offerings with ES6/CSS3/Handlebars and MVC framework for the company's first cloud solution
- **Apptio IT Planning**: lead prototype developer, frontend engineer
- **Facebook Booking Engine**: hotel room availability search app with Facebook Developer API that generated over $250K in profit in less than two years with 12:1 ROI

Experience

Tenable

Staff Software Engineer | May 2016 – Present
Leads a small team working to deliver new features and core functionality for Tenable.io SaaS product and Tenable.sc scrum team working on future major version release.

- Serves as technical lead for platform UI group consisting of five other engineers
- Builds React components with Styled Components for in-house design system
- Develops reusable shared visualization components
- Works across teams to ensure collaboration and code reuse
- Helped bootstrap multiple new products including Dashboards, PCI ASV and MSSP
- Automated e2e testing with Webdriver.IO and SauceLabs

Senior Software Engineer | April 2015 – May 2016
Responsible for frontend JavaScript with ES6 syntax, HTML5 and Less/CSS3 programming for Nessus and Nessus Cloud vulnerability scanner software.

- Worked with Director of Engineering and team members to enhance the product
- Implemented password reset and plugin API key generation features
- Developed HTML product documentation using parsed Asciidoc content and AJAX
- Wrote automated test code using Chai BDD style and Node/Phantom/Casper

Apptio

Frontend Developer | October 2013 – March 2015
Implemented functional prototype based on sketches, wireframes and visual designs; produced HTML5, CSS3 and JavaScript code for product.

- Developed application prototype using Zurb Foundation SCSS framework and PHP/Apache
- Ensured the quality of UX and UI design for new cloud-based SaaS product
- Contributed to application that earned Apptio 10 new clients in its first two months

Sabre Hospitality Solutions

Development Manager | June 2006 – October 2013
Managed internal and external clients throughout project lifecycles. Served both as Lead Developer, Supervisor and member of the company Innovation Team.

- Responsible for 17 frontend developers that produced over 100 award-winning websites
- Engineered new products including Facebook App for booking hotels, mobile booking engine prototype, route planner using Google Maps API and demo iOS App
- Co-designed an iterative and more collaborative workflow for website development that decreased overall timeline for new projects 25-40%

Senior Web Developer, E-site Marketing | January 2005 – June 2006
Responsible for overall design execution of all website projects and established a website framework that dramatically increased efficiency while standardizing the codebase.

- Utilized XML, XSLT and PHP to create framework for production of $10K to $250K websites; navigation and information architecture abstraction with separation of presentation and content
- Developed reusable jQuery plugin code for asynchronous (AJAX) content loading, form validation and event tracking to standardize core functionality across multiple websites
- Implemented and enforced standards and best practices for usability; used unobtrusive scripting, accessible content and navigation, and microformats, RDFa and schema.org

Web Developer, E-site Marketing | June 2003 – January 2005
Delivered high quality code for exceptionally fast-paced business under tight deadlines. Learned to develop, validate and process forms as well as other basic website maintenance.

- Generated booking revenue for small and boutique hotels building websites with HTML/CSS and PHP/MySQL from Photoshop designs to completion
- Built resort activity planner allowing users to create and update profiles, share and save cart contents, search for vacation homes and plan itineraries

Education

Carroll Community College | September 2001 – December 2002
Certificate in CIS Programming and Application Development, Web Programming; obtained 3.90 GPA

Western Maryland College | September 1994 – May 1998
Bachelor of Arts in Mathematics, Secondary Education minor; graduated cum laude with 3.41 GPA