

David Homyk

Software Engineer
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SUMMARY

UI/UX engineer proficient in React.js, React Native and Adobe CC. Extensive experience in digital security, encryption, code obfuscation, bash scripting, CI/CD pipelines, and delivery to Google Play and Apple App Stores. Proven track record increasing traffic to websites, galvanizing customer engagement and increasing revenue for a range of clients including Fortune 500 companies Fujitsu and Kaiser Permanente.

SKILLS

- React.js, React Native, React Navigation, Redux, Redux Thunk
- HTML5, CSS3, JavaScript
- REST APIs, Node.js, Express.js, MongoDB, Mongoose
- UI/UX Design
- Git, Npm
- Webpack, Electron
- OAuth2, OpenID Connect, authentication, authorization
- Digital security, encryption/decryption, code obfuscation, pen testing
- Bash scripting, CI/CD pipelines
- Native iOS and native Android development
- Apple App Store Connect, App Store deployment
- Google Play Console, Play Store deployment
- Sketch/Figma to responsive web and mobile development
- Adobe CC
- SEO, SEM, Yoast, Google Marketing Platform (Google Analytics), Google Tag Manager, Google Search Console

EXPERIENCE

Senior Software Engineer, 2020 – Present

- Lead Developer for Digital Gateway iOS and Digital Gateway Android
- Cross-platform mobile architect of flagship tax applications featuring secure encryption, code obfuscation, rigorous UI/UX design and development, delivery to and maintenance on Google Play and Apple App Stores
- Creator of DevOps scripts and toolchain for CI/CD pipelines between Microsoft Azure Cloud Services and mobile platforms

Freelancer, 2016 – 2020

- Front-end developer and designer - Build visual outputs in Adobe Photoshop and code HTML/CSS/JavaScript animated ads for use in advertising campaigns for Fortune 500 companies such as Fujitsu and managed healthcare consortium Kaiser Permanente.
- React engineer - Built *Fluid-Choice MBTI* and *Weather Was* apps in React.js. Used React Native to build mobile apps *MemeStream* and *Beach Balloons* on the Google Play Store. Developed MongoDB/Mongoose

and Node.js/Express.js REST API to handle CRUD operations for *MemeStream*. Managed SDLCs with Git.

- Node.js module developer - Builder and maintainer of six NPM modules, cumulatively having tens of thousands of downloads. Creator of *Fracty*, which has two Gatsby.js dependents.
- Web developer - Build websites for businesses featuring intuitive UI/UX, eye-catching designs and cohesive branding. Design and render images in Adobe Photoshop and animate them in CSS to make exciting web components. Implement SEO best practices to optimize sites with Yoast, Google Marketing Platform (Google Analytics), Google Tag Manager and Google Search Console.

Talent/Commercial Advertising, 2009 – 2016

- Acted in commercials for clients including PepsiCo, L'Oréal, Anheuser-Busch, Nationwide Insurance and Ricoh Electronics.
- Managed and mobilized talent for projects, hosted auditions and conducted interviews with talent.

Producer/Engineer, 2005 – 2009

Music World Entertainment

- Composed, produced and engineered sound recordings for artist roster.
- Programmed musical tracks, engineered, mixed and mastered audio recordings for reputable artists such as Kelly Rowland, Solange Knowles and Sunshine Anderson.

Analyst, 2003 – 2005

SNL Financial

- Performed detailed analyses on bank and bank holding company portfolios for a leading national insider publication on financial institutions.
- Analyzed quarterly and annual reports to evaluate financial institutions' holdings and operations.

EDUCATION

- B.A. in Economics, University of Virginia
- B.A. in Philosophy, University of Virginia
- Minor in Astronomy, University of Virginia

INTERESTS

Piano, Artificial Intelligence, Cosmology, Isometric Exercise, Plant-based Cuisine, Hiking, Traveling, Antique Furniture