

Ercan Gursoy

Senior Software Engineer

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[LinkedIn](#)

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Skills

Languages & Frameworks: JavaScript, TypeScript, GraphQL, Python, React, redux, react-query, formik, react-hook-form, Node.js, jQuery, AngularJS, Knockout.js, Durandal.js, mustache, Flask, HTML5, SASS, LESS, CSS3, styled-components, emotion, material-ui, rebass, Bootstrap, SQL, PostgreSQL, SQLAlchemy, MongoDB, C#, highcharts, Superset and experience with d3.js

Tools: Github, AWS, Jenkins, Docker, New Relic, Segment, Fullstory, Appcues, Kong, nginx, Auth0, SVN, TFS, Bitbucket, Jira, Confluence, Google Analytics, Storybook, Express.js, Webpack, Module Federation, Vite, Gulp, Grunt, Babel, Jest.

Experience

Komodo Health / Senior Software Engineer, Front End

Jan. 2020 - PRESENT, New York, NY

- Led a team of 5 engineers in implementing Komodo's next-generation app suite using TypeScript, React, Microfrontends with Module Federation, material-ui, emotion, GraphQL, react-query, and a brand-new Design System.
- Consolidated all of Komodo's UI applications into a monorepo, resulting in increased code reuse and improved module consistency, benefiting a team of over 30 engineers.
- Used Kong and Auth0 to establish OIDC-based authentication processes for API protection and improved user experience.
- Architected and launched two new Komodo web products adhering to the latest web standards, incorporating live error reporting with New Relic, analytics with Google Analytics, and user onboarding with Appcues and Fullstory.
- Published, versioned, and managed design system components using bit.dev.
- Engineered a continuous deployment pipeline with zero downtime utilizing GitHub, Jenkins, Docker, and AWS Beanstalk.
- Collaborated closely with designers and product managers to review new features, offer engineering feedback, and propose enhancements and solutions.
- Developed new API endpoints with Python and Flask/FastAPI to support UI features.
- Conducted regular security audits to identify and address vulnerabilities.

Proteus Digital Health / Staff Software Engineer - Tech Lead

Oct. 2017 - Jan. 2020, Redwood City, CA

- Spearheaded the conversion of Proteus' web products from AngularJS to React, resulting in a significant reduction in page load times from an average of 3 seconds to less than 1 second.
- Enhanced internal code reuse and consistency by developing web-core, encompassing reusable UI components, services, models, request handlers, and utilities.
- Developed a PDF generator in AWS Lambda, which improved the consistency and browser compatibility of generated reports.
- Developed responsive solutions to support web, iOS, and Android products, effectively reducing implementation and maintenance costs for cross-platform features.
- Maintained deployment scripts for test and production environments, optimizing existing scripts to reduce build times, add version information, and generate coverage reports.
- Reduced manual testing efforts by creating multiple build verification tests that can be executed via Bitbucket and Jenkins.
- Implemented Figma integrations to facilitate collaboration between designers and engineers, improving productivity.
- Managed the technical backlog through biweekly grooming sessions with engineers and product teams.

Safeway / Senior Frontend Developer (Contract)

Sept. 2016 - Oct. 2017, Pleasanton, CA

- Implemented responsive and themeable authentication / registration flows with AngularJS and Bootstrap.
- Led the charge of migrating digital coupons experience from legacy WordPress/jQuery to React and Bootstrap.
- Implemented solutions with iframe / postMessage to enable cross-banner communication, eliminating the need of purchasing multiple application keys from 3rd party maps providers.

Intel / Software Developer (Contract)

Aug. 2013 - Jan. 2016, Portland, OR

- Proposed and implemented one of the first custom UI components for ServiceNow with AngularJS, increasing user engagement to internal lab management software.
- Developed first JavaScript interface to use Intel's secure file upload APIs which is generally consumed by C#.
- Worked as a full-stack engineer, involved in designing the web services, database and implementing user interface with Microsoft technologies.

VeriPark / Software Developer Intern

June 2012 - Aug. 2012, Istanbul, Turkey

- Contributed to the internal expense management system by developing client side validations with jQuery.
- Developed windows service to generate email notifications by checking the database periodically.

Education

Binghamton University - SUNY / B.S. Information Systems Engineering
2013, Binghamton, NY

Istanbul Technical University / B.S. Information Systems Engineering
2013 - Istanbul, Turkey

International Technological University / M.S. Software Engineering
2017 - San Jose, CA