

Keith Black

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SUMMARY

Results-driven Full-Stack Software Engineer with 3+ years of experience successfully programming in JavaScript, TypeScript and C#, specializing in modern frameworks such as Angular, React, Node.js, ASP.NET, and .NET Core. Certified ScrumMaster (CSM) with proven experience working in Agile SAFe environments and collaborating with cross-functional teams to deliver impactful solutions. Skilled in both front-end and back-end development, RESTful API integration, state management, and database optimization. Strong advocate for test-driven development and writing clean, maintainable code. Recognized for mentoring peers, aligning technical solutions with business goals, and driving continuous process improvement.

EXPERIENCE

Associate Software Engineer

IFS Energy & Resources

February 2022 – January 2025, Denver, CO

- Led front-end development initiatives using Angular (TypeScript, JavaScript), HTML5, and CSS3, enhancing user workflows and application responsiveness.
- Built dynamic dashboards and reusable UI components, transforming complex datasets into intuitive, scalable front-end experiences.
- Utilized RxJS for state management and asynchronous data handling, ensuring seamless interaction between frontend and backend services.
- Collaborated with UX/UI designers and product managers to translate business requirements into technical specifications and user-friendly interfaces.
- Applied RESTful API design principles to integrate backend services, streamlining data retrieval and improving performance.
- Proactively resolved cross-functional issues by diagnosing and optimizing performance bottlenecks across the Angular frontend, UniData queries, and backend C# services.
- Integrated Microsoft Azure DevOps for CI/CD pipeline automation and web service management, enabling consistent deployments across dev, staging, and production environments.
- Diagnosed and resolved critical bugs across the stack, improving software reliability and maintaining regression test success rates above 95%.
- Conducted detailed unit testing (xUnit) and integration testing to ensure robust functionality across the entire application stack, reducing production issues by 40%.
- Collaborated effectively within SAFe Agile framework, participating in PI planning, daily standups, and sprint retrospectives while maintaining focus on technical delivery and code quality.

Frontend Engineer Intern

Flock

November 2021 – February 2022, Remote

- Refactored and enhanced React.js components and interfaces using JavaScript, Redux, and Material UI, improving performance and responsiveness across web and mobile platforms.
- Designed and implemented custom React components, collaborating with designers via Figma to ensure adherence to brand and UX guidelines.
- Developed reusable UI patterns and state management flows with Redux, enhancing scalability of the application.
- While primarily focused on frontend, collaborated with backend engineers and used Node.js to trace and debug server-side issues, enhancing overall system stability.
- Focused on front-end unit testing and performance optimization to ensure seamless customer experiences.
- Rapidly adapted to startup development practices, learning new technologies and contributing meaningful code within the first two weeks of the internship.

Quality Assurance Analyst

Robert Half (Contract for Shane Co.)

February 2021 – October 2021, Denver, CO

- Executed comprehensive manual testing strategies across web applications, ensuring cross-browser compatibility using BrowserStack, and achieving a 90% regression test success rate.
- Identified critical UI/UX issues during regression testing, collaborating with development teams for timely resolutions.
- Developed and maintained automation scripts to increase efficiency and expand test coverage.
- Maintained detailed bug tracking documentation and participated actively in Agile scrum ceremonies.

Portfolio Manager

Cornerstone Apartment Services

October 2017 – December 2020, Denver, CO

- Managed a \$50M portfolio of over 335 apartment units, achieving a 97% occupancy rate.
- Supervised and mentored a team of managers and technicians, fostering professional growth and ensuring operational excellence.
- Conducted performance evaluations, provided training, and streamlined team workflows to maximize productivity and client satisfaction.

CERTIFICATIONS

Certified ScrumMaster (CSM)

Scrum Alliance • 2025

Certificate in Full Stack Web Development

University of Denver • Denver, CO

EDUCATION

Bachelor of Science in History, Minor in Business Administration

State University of New York at Plattsburgh • Plattsburgh, NY

SKILLS

Frontend Development: React.js, Angular, Material UI, Redux, Bootstrap, CSS, SCSS.

Languages: JavaScript (ES6+), TypeScript, C#, SQL, NoSQL, XML, HTML.

Backend & Cloud: Node.js, .NET Framework, RESTful APIs, Azure (DevOps, App Services), AWS (S3).

Databases: MongoDB, Postgresql, MySQL, UniData.

AI & Productivity Tools: Github Copilot, ChatGPT, Claude.

Tools & Collaboration: Git, Postman, Figma, GitHub, Visual Studio Code, Visual Studio, Jira.

Testing: xUnit, Jest, Selenium.

Agile Frameworks: SAFe, Scrum, Certified ScrumMaster (CSM), Sprint Planning, Backlog Management, Retrospectives.