**Jaylen Cooper**

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**Profile**

Innovative and results-driven Software Engineer with over 8 years of experience delivering end-to-end solutions in fast-paced environments. Skilled in both front-end and back-end development, I specialize in architecting scalable, maintainable applications that prioritize user experience. Proficient in a wide range of technologies, I excel at using diverse tech stacks to create robust, user-centric web applications. A strong advocate for agile methodologies, I thrive in collaborative environments, always eager to contribute and support my team.

**Education**

**Virginia Tech** (Virginia Polytechnic Institute and State University)  
Bachelor’s Degree in Computer Science | 2013 – 2017  
Blacksburg, VA  
Courses: Programming Languages, Data Structures & Algorithms, Databases, Data Science, Artificial Intelligence, Operating Systems, Software Engineering

**Technical Skills**

**Languages**: JavaScript, TypeScript, HTML, CSS, PHP, Python, Ruby, JSON, C++  
**Frameworks**: Angular, React.js (Redux, Next.js), Vue.js (Vuex, Nuxt.js), Ember.js, Node.js, Express.js, Nest.js, Django, Flask, FastAPI, Ruby on Rails, jQuery, RESTful APIs, GraphQL, AJAX, Electron.js  
**Databases**: SQL, NoSQL, MySQL, PostgreSQL, MongoDB, Amazon DynamoDB  
**Tools**: Docker, Jira, Webpack, Babel, NPM, Yarn, PNPM, GitHub, GitLab, Bitbucket, ClickUp, Trello, Figma, VS Code, Jest, Mocha, Enzyme, Cypress, Playwright  
**Cloud Platforms**: AWS, GCP, Azure  
**Other Skills**: Web Accessibility, WebSockets, WebRTC, Google Analytics (GA), Google Tag Manager (GTM), Agile Methodology, Scrum, DevOps, CI/CD, Unit Testing, Responsive Design, WordPress, Headless CMS, Shopify, Contentful, SEO, Debugging, Object-Oriented Programming, Project Management, Time Management, Multitasking, Teamwork, Analytical Skills, Problem-Solving

**Professional Experience**

**Software Engineer | Spotify | New York (Remote)**

*Jan 2022 – Oct 2024*

* Collaborated closely with product management and UI/UX teams to overhaul the user interface, improving accessibility and user satisfaction.
* Developed dynamic web applications using **React** and **Next.js**, implementing advanced performance optimizations such as lazy loading and tree-shakable modules.
* Created scalable cloud solutions using **Google Cloud Platform (GCP)**, architecting secure and efficient microservices with **Docker**, **Kubernetes**, and **Spring Boot**.
* Designed and maintained RESTful and **GraphQL APIs**, enabling flexible data querying and integration.
* Worked with **Python** to build internal tools for business analytics and decision-making.
* Ensured web accessibility by following WCAG standards, designing inclusive web interfaces.

**Key Technologies**: React, Next.js, TypeScript, Node.js, C#, Python, GCP, PostgreSQL, GraphQL, Docker, Kubernetes, CI/CD, Web Accessibility

**Full Stack Engineer | UNIWeb | Burke, VA (Remote)**

*Nov 2018 – Dec 2021*

* Developed responsive, scalable web applications using **React** and **Vue.js**, integrating advanced state management solutions like **Redux** and **Vuex**.
* Designed server-side rendered applications with **Next.js**, improving SEO and performance.
* Migrated large-scale projects to **TypeScript**, enhancing productivity and reducing errors.
* Utilized **GCP** services for cloud infrastructure, ensuring high availability and cost-effectiveness.
* Built **blockchain-based applications** on platforms like **Ethereum**, facilitating secure, transparent transactions.

**Key Technologies**: TypeScript, React, Vue.js, Node.js, GCP, MongoDB, MySQL, Blockchain, CI/CD, WebSockets, WebRTC

**Front-End Engineer | Blue Label Labs | Richmond, VA (Hybrid)**

*May 2016 – Oct 2018*

* Developed interactive and responsive user interfaces using **React**, **Angular**, and **Vue.js**.
* Built enterprise-grade applications with **Angular**, leveraging **RxJS** and **Reactive Forms** for advanced state management.
* Contributed to pixel-perfect UI design, ensuring cross-browser compatibility and high-quality user experiences.

**Key Technologies**: JavaScript, React, Angular, Vue.js, HTML5, CSS3, Python, Tailwind CSS, Figma

**Certifications**

* **Front-End Development Libraries** – freeCodeCamp (Feb 2023)
* **Responsive Web Design** – freeCodeCamp (Feb 2023)
* **Data Visualization** – freeCodeCamp (Feb 2023)
* **Scientific Computing with Python** – freeCodeCamp (Feb 2023)
* **Data Analysis with Python** – freeCodeCamp (Feb 2023)

**Projects**

* http:*//amalfabz.comhttp/amalfabz.com/*
* https:*//enterpriseoptimisationfund.com/*
* https:*//66c7611dd4764d00a5cdf267--dreamy-selkie-e5bca9.netlify.app/*
* https:*//www.clearstonegroup.com.au/"*
* https:*//fluencer.pk/"*
* https:*//infinitirestorations.com/"*
* https:*//justmac.com/"*
* https:*//www.krezicart.com/"*
* https:*//lurella.pk/*
* https:*//www.chewy.com/"*
* https:*//www.touragencyapp.com/en/"*
* https:*//www.dollskill.com/"*
* https:*//www.touragencyapp.com/en/"*
* https:*//nft-exchange.herokuapp.com/"*
* https:*//ko.cryypto.com/payment"*

**Achievements**

* **Boosted Web Speed**: Increased web performance by 22% using **React** optimizations.
* **Successful Budget Management**: Led a UI overhaul project under budget constraints.
* **Cost Reduction Strategies**: Reduced server costs by 27% through **serverless architecture**.
* **Effective Scalability Planning**: Scaled application to support 500,000+ users without downtime.