Kevin Yang

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Experience

Computer Scientist – 402d Software Engineering Group (DoD)

08/2024 – Present | Warner Robins, GA

- Full-stack developer on the **Metrics Project**, a secure internal platform visualizing performance across DoD software teams.
- Built **profile/admin pages, RBAC authentication, session management, and profile photo functionality**.
- Designed and maintained **REST API endpoints and database schemas** supporting user and admin roles.
- Engineered dashboards showing **team metrics, ticket completions, and goal projections**.
- Deployed systems with **Docker**, streamlining testing and deployment processes.
- Used **React, Flask, Material UI, Tailwind, GitLab** to deliver responsive, secure solutions.
- Mentored interns on coding practices and presented technical updates to senior leadership.
- Completed ethics, cybersecurity, and web design training while maintaining active **Top Secret/SCI clearance**.

Software Developer – SSSync (Startup, Freelance)

02/2025 – Present | Remote, Georgia

- Collaborated directly with the founder of a **funded startup** to plan and develop scalable front-end architecture.
- Designed and implemented **loading states, layouts, and reusable UI components** using React.
- Focused on **performance optimization and user experience**, reducing page load times and improving navigation flow.

Projects

Metrics Project (DoD) – *React, Flask, MUI, Docker, GitLab*

- Developed **secure platform** displaying graphs, metrics, and ticket tracking across DoD software teams.
- Implemented **role-based access control** ensuring information was securely restricted.
- Built and documented **API endpoints** for user/admin data management.

Portfolio Website – *Next.js, TypeScript, Tailwind, Aceternity UI*

- Designed and deployed personal portfolio site hosted on GitHub Pages.
- Highlights technical projects, skills, and experience.
- Link: https://ky06134.github.io/portfolio/

UGAHacks 8: "Tapped In" – *React Native, MongoDB, Java*

- Built a mobile app enabling users to join posted community events.
- Contributed **front-end** design including navigation, inputs, and layouts.
- **Awarded 1st Place** – MongoDB Challenge.

Skills

Languages: JavaScript, Python, Java, HTML, CSS

Frameworks/Libraries: ReactJS, Flask, Material UI, Tailwind, Axios

Tools/Platforms: GitLab, Docker, Jira, **Agile/Scrum**

Education & Certifications

Bachelor of Science, Computer Science — University of Georgia | Graduated:05/2024

Relevant Coursework: Software Engineering, Data Structures, Networks, Databases, Cloud Computing

Certifications

- CompTIA Security+ (Received: 02/2025)
- UGA Certificate of Applied Data Science (Received: 05/2024)