

# Michael Chen

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## EDUCATION

### University of Georgia

*Bachelor of Science in Computer Science*

Athens, GA

*Aug. 2020 – May 2024*

## TECHNICAL SKILLS

**Languages:** Java, Python, C#/C++, SQL, HTML/CSS, JavaScript

**Frameworks:** React, Angular, Vue, Node.js, Flask, Express, MongoDB, Tailwind CSS, Bootstrap

**Developer Tools:** Git, Adobe Experience Manager, Amazon Web Services (AWS), Navicat, SQL Server, Censhare, Adobe Dynamic Media Classic, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, Matplotlib, Beautiful Soup, Selenium

## EXPERIENCE

### Software Engineer

June 2024 – Present

*Utility Inc*

*Decatur, GA*

- Engineered and maintained a .NET C# Windows service and WPF GUI to automate data collection and uploads to our cloud, streamlining data flow and enabling real-time activation of dispatch systems, resulting in a 30% improvement in processing efficiency and a 20% increase in operational performance.
- Spearheaded the deployment of streamlined software installations for nationwide public safety agencies, utilizing SQL, XML, and JSON to create tailored configurations, improving integration success rate by 25% and reducing installation time by 40%.
- Collaborated on a Java web service hosted on WildFly, integrated with Apache, and deployed in an AWS environment, developing REST APIs for seamless data exchange, contributing to a 15% increase in real-time data accuracy and improving client system uptime by 10%.
- Led end-to-end implementations for 20+ concurrent clients—from customized deployments to mission-critical support, ensuring 99%+ system uptime and proactive communication.

### Software Engineer Intern

June 2023 – August 2023

*Kohl's Corporate*

*Milwaukee, WI*

- Developed dynamic webpages using React, SASS, and Adobe Experience Manager, integrating SPA architecture for responsive UI's that reached over 65 million customers.
- Utilized AEM's content fragment models and editable templates to streamline content creation, and implemented A/B testing to analyze and enhance user experiences.
- Participated in Agile development, contributing to sprint planning, daily stand-ups, and retrospectives to ensure project alignment and timely delivery.

## PROJECTS

### Cine Booking | *React, HTML/CSS, Javascript, Firebase*

March 2024

- Led a team of three in developing a full-stack movie booking application, utilizing Firebase for REST API and React for the frontend
- Created a functional movie booking website with features including search, seat selection, and booking confirmations
- Implemented user authentication, email verification, and active promotions using Firebase

### Strive (UGA Hackathon) | *HTML/CSS, Javascript*

December 2023

- Directed a team of five to deliver a 6-page interactive website within a 36-hour hackathon, connecting students with local odd job opportunities
- Served as a project team leader and delegated tasks to a team of 5 in order to meet a 36-hour deadline
- Equipped with a contact, sign up, client/contractor page as well as a dynamic background
- Integrated an accessible and user-friendly interface to make the service easily convenient

### Macro Buddy | *React, Express, MongoDB, NodeJS*

October 2023

- Developed a full-stack website enabling users to easily track and log their daily macronutrient intake
- User-friendly interface for seamless macro tracking, ensuring accessibility for users of all experience levels
- Built with the MERN stack, utilizing MongoDB, Express.js, React.js, and Node.js for a scalable and efficient web application