

Previous role	Software Engineer at Check
Experience	Fintech, Retail, Artificial Intelligence, Education, Consulting, DevOps, Agency, No-Code, B2B, Recruitment, HR, Financial Services
Technologies	AWS, Docker, TypeScript, Python, Go, Postgres, Vue.js, Next.js, Java, Jenkins, Cypress, Angular 14+, React, JavaScript, REST API

Work experience

Software Engineer, [Check](#)  Aug 2023 - Apr 2025 (1y 8m)

Engineering advanced digital solutions with expertise.
Fintech · Retail · Artificial Intelligence · Education · Consulting · DevOps · Agency · No-Code

- AWS
- Docker
- TypeScript
- Python
- Go
- Postgres
- Vue.js
- Next.js

- Designed and deployed a scalable microservices architecture for a Learning Management System serving 20,000+ employees, using Docker, Kubernetes, gRPC, Prometheus, and Grafana to ensure high performance, observability, and seamless scalability.
- Oversaw the development of a Travel AI App, managing the data pipeline efficiently with Go and PostgreSQL, incorporating Kafka and AWS services to enhance personalized recommendations for users.
- Implemented a cost-effective Media Delivery Network (MDN) using Cloudflare R2 and Python, reducing CDN costs and improving delivery speeds compared to previous solutions with Cloudinary.
- Enhanced team productivity by optimizing the CI/CD pipeline, reducing build and deployment times by 35% through the integration of Jenkins, Github Actions, and Docker.
- Acted as the technical point-of-contact for multiple client projects, translating non-technical requirements into scalable backend systems, increasing client satisfaction, and accelerating delivery timelines by 25%.
- Guided cross-functional teams through the entire Software Development Life Cycle (SDLC), ensuring seamless collaboration with clients for project alignment on goals and timelines.
- Developed Check's website using Nuxt 3 – <https://wearecheck.co/>
- Integrated analytics dashboards (Next.js + Chart.js) enabling real-time visibility into 10K+ transaction records, used by business teams to drive marketing decisions.

Software Engineer, [SystemSpecs](#), [HumanManager](#)  Aug 2022 - Oct 2023 (1y 2m)

HRTech platform streamlining payroll and employee management
B2B · Recruitment · HR · Financial Services

- Docker
- TypeScript
- Java
- Go
- Vue.js
- Jenkins
- Cypress
- Angular 14+

- Architected a multi-tenant backend system using Typescript, Go, PostgreSQL, and MongoDB supporting concurrent use by 30+ enterprise clients.
- Designed REST APIs for a modular HR system, enabling clean separation between onboarding, payroll, and compliance modules

- Developed pipelines with Python to automate employee data synchronization with third-party tools, reducing manual input errors by 30%.
- Collaborated on legacy system refactoring in Angular, resulting in a 25% downtime reduction.
- Engineered responsive employee interfaces with Angular and TypeScript, including an onboarding wizard that decreased HR documentation processing time by 40% and boosted data accuracy by 85%.
- Improved codebase quality and reliability through unit tests with Cypress, adhering to Angular best practices, scalable design patterns, and active participation in style guide-compliant code reviews.

Software Engineer, CheckLearn, Check DC

Apr 2022 - Aug 2022 (4m)

CheckLearn offers hands-on tech training for talent.

React TypeScript JavaScript Vue.js Cypress REST API

- Developed a Spotify application integrating seamlessly with the Spotify API and a responsive news blog using React, gaining experience in delivering production-ready web solutions.
- Enhanced proficiency in TypeScript and Nuxt 3 through hands-on projects, focusing on clean, scalable, and efficient code for improved performance and maintainability.
- Collaborated with experienced mentors to apply design thinking principles, creating user-centric interfaces that improve usability and engagement.
- Completed a program focused on real-world projects, receiving feedback from industry leaders and mastering tools and practices essential for modern frontend development.

Education

Babcock University

Bachelors (2.1) Computer Science

- Designed and implemented a secure digital payment system utilizing QR code technology, streamlining transactions and enhancing user experience for seamless payments.
- Data Structures and Algorithms
- Operating systems
- Database systems
- Artificial Intelligence
- Numerical Methods