

SISVANTHKUMAR SATHIVADIVEL

+1 (646) 623-5098 • ss20103@nyu.edu • [Portfolio](#) • [LinkedIn](#) • New York, NY

SUMMARY

M.S. Computer Science student at NYU with 3 years of experience building scalable enterprise systems using React, Java, Spring Boot, and AWS, with strong cross-team collaboration. Actively seeking Summer Internship opportunities.

EDUCATION

New York University (M.S. in Computer Science) Sep 2025 – May 2027
Coursework: *Design and Analysis of Algorithms, HCI, Cloud Computing and Big Data*

Velammal Institute of Technology (B.Tech. in Information Technology) CGPA: 8.45/10 Jun 2018 – May 2022
Coursework: *Data Structures & Algorithms, Operating Systems, Database Systems, Cloud Computing*

EXPERIENCE

Software Engineer | CDW Corporation, India | Oct 2023 – Oct 2024

- Engineered the IDN Accelerator plugin in Vanilla JS, cutting Postman API calls by **35%** and increasing workflow efficiency by **30%** through optimized request handling.
- Increased stakeholder adoption by 25% by leading technical demos and enforcing structured peer review standards.
- Delivered Spring Boot and PrimeFaces module 2 weeks ahead of deadline, ensuring zero post-release defects being a sole developer on the project.
- Refactored UI patterns into reusable React components, reducing load time by 20% and cutting redundant code by 30%.
- Created onboarding docs and mentored 2 junior engineers in React, accelerating ramp-up by 25% and review quality by 20%.

Software Engineer Trainee | CDW Corporation, India | Jun 2022 – Oct 2023

- Developed scalable ReactJS-based exam system modules with **92%** test coverage, reducing frontend defects through comprehensive component testing.
- Modernized **5+ microservices** within the 1800-Flowers platform, refactoring APIs and service communication to reduce latency from **2s to 0.5s**.
- Developed and deployed backend APIs and orchestration services for a judiciary e-filing and PDF automation system for the State of Utah, processing 10K+ documents monthly and reducing manual processing time by 35%.
- Streamlined CI/CD pipelines across services, standardizing build and deployment processes to improve release reliability by **15%**.

Software Engineer Intern | CDW Corporation, India | Feb 2022 – Jun 2022

- Built full-stack features for an internal social network using ReactJS, Java, and Spring Boot, including an automated birthday scheduler that boosted daily engagement by **40%**.

PROJECTS

Dining Concierge Chatbot — AWS – [Demo](#) Jan 2026 – Feb 2026

- Designed and deployed a serverless microservices architecture using **API Gateway, Lex, Lambda (LF0/LF1/LF2), SQS, OpenSearch, DynamoDB, and SES**, indexing **1,000+ restaurants** and implementing an SQS-driven queue worker to decouple recommendation processing and automate email delivery.

GSAP Portfolio — React + GSAP – [Demo](#) Jan 2026 – Feb 2026

- Improved animation smoothness by **30%** through transform-based rendering, will-change optimization, and GPU-accelerated effects, while optimizing asset loading and code-splitting with Vite to reduce initial bundle size.

CERTIFICATIONS & HONORS

- AWS – Certified Developer Associate
- CDW – Certified Front-End Developer (UIBC)

SKILLS

Frontend: ReactJS, JavaScript, TypeScript, HTML/CSS, SCSS, Bootstrap, Tailwind, Figma

Backend: Java, Spring Boot, Microservices, REST APIs, Spring MVC, Spring Security

Databases: MySQL, MongoDB, Redis, H2, Postgresql

Cloud & DevOps and Tools: AWS (Lambda, EC2, DynamoDB, OpenSearch, Lex), Docker, CI/CD, Git, Maven, MS Office

Methodologies & Collaboration: Agile, Code Reviews, Stakeholder Communication, Cross-team Collaboration