

# DEEPAK VISWANADHA

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## SUMMARY

A skilled full-stack web developer with over 3 years of expertise in crafting, building, and managing market-ready Fintech apps utilizing various front-end and back-end technologies.

## SKILLS

<b>Front-end technologies:</b>	React.js, Next.js, JavaScript, TypeScript, Webpack, Babel, Micro frontends
<b>Back-end technologies:</b>	Java, Spring boot, Node.js, Express.js, Micro services
<b>Databases:</b>	MySQL, MongoDB
<b>Interests:</b>	Virtualization, Component and Script level lazy-loading/compression, Server-side rendering

## EDUCATION

**Master of Science in Information Systems** - Northeastern University, Boston, MA **Expected May 2025**  
**Coursework:** Full Stack Software Eng., Web design and development, User Experience Design.

**Bachelor of Technology** - Gayatri Vidya Parishad College of Engineering, India. **Grade (3.5/4)** **Sept 2020**  
**Coursework:** Data structures in C, Computer Organization, Operating Systems.

## EXPERIENCE

**Software Development Engineer -II | Mr. Cooper, India.** **Mar 2023 - Jul 2023**

- Built a new suite of applications called Small Apps where each app is built for specific use cases like reconciliation etc.
  - Crafted apps to oversee **500K-1M** document-data queues, decreasing load time from **35s to 7s** and bundle size from **>2Mb to <300Kb**
  - Created an internal library of feature-specific components that can be used for all the internal web applications
  - Added multi-tenancy to the suite to onboard external clients
  - Received recognition as the '**Star Performer**' for my outstanding contributions throughout the 2021-22 period
- Tech-stack:** React.js, JavaScript, Webpack, Spring-Boot, Java, React-virtualization, React-DND, Microsoft Azure, G.C.S and Konva.js

**Software Engineer-I | Mr. Cooper, India.** **Jun 2021 – Mar 2023**

- Designed & developed a suite that integrates multiple single-page applications using micro front-end architecture
- Engineered apps to sort/classify pages in mortgage documents. They are used for H.I.T.L or training M.L models with data feedback
- Crafted apps to extract data and re-annotate mortgage documents, serving as feedback for M.L model training and data delivery
- Implemented virtualization techniques to optimize the apps, achieving loading times of under **6 seconds (<600-900% time improvement)**, and reducing response delays from **5/6 seconds to milliseconds**
- Introduced advanced features such as single/multi drag & drop, carousel implementation, search functionality, sorting capabilities, filtering options, and canvas shape drawing

**Programmer Analyst | Cognizant Technology Solutions, India.** **Dec 2020 – Jun 2021**

- Developed behavioral-driven scenarios (B.D.D), automated the corresponding cases using Java and JavaScript and generated reports
  - Wrote automation scenarios (T.D.D) and developed a framework for the client's banking platform
  - Participated in client discussions to understand the future scope of the project and helped the team in streamlining the automation scripts
- Tech-stack:** Java, JavaScript, Selenium, Cucumber, B.D.D & T.D.D

**Intern | Cognizant Technology Solutions, India.** **Jan 2020 - May 2020**

- Trained in Java, JavaScript & MySQL and developed solutions for internal use cases
- Collaborated with several teams to understand the Agile methodologies and the SDLC life cycle
- Participated in several hackathons that focused on various case studies

## PROJECTS

**Secret Society | Blogging Application** **Jan 2021 - Mar 2021**

- Developed a web app enabling users to sign in, view, and write posts. Anyone can sign up, write blogs, and publish them to a shared board for either public viewing or only for registered users. Users with no accounts can only view the posts in the common space
  - The entire user authentication/authorization is handled using an encrypted JWT system which is built from scratch
- Tech-stack:** React.js, Node.js, MongoDB, JWT.

**Instant-Connect | Web based chat application** **Aug 2020 - Oct 2020**

- Created a real-time chat web application that enables users to view and join different chat rooms, facilitating message exchange and location sharing
- Implemented a system in which each user within a chat room must have a unique username and requires re-registration when exiting the room and utilized web sockets in Node.js for messaging queue management and server-side rendered the application