

SUMMARY

Experienced Full-Stack Web Developer with a focus on JavaScript, TypeScript, Ruby, Ruby on Rails, React, Redux, Node.js, and Express.js. Proven expertise in building highly scalable websites, honed through successful collaboration with global teams on diverse projects during a comprehensive 1-year coding boot camp at Microverse. Adept at remote work, quick learning, and effective communication. Completed a front-end internship at Itransition Group, further enhancing skills in UI/UX development and front-end technologies. Brings over 12 years of experience as a Line Technician at BREB, showcasing a strong background in analyzing business requirements, software development, implementation, and user support.

SKILLS

Front-End: JavaScript, TypeScript, React, Redux, HTML5, CSS3, Bootstrap, Tailwind

Back-End: Ruby, Ruby on Rails, Node.js, Express.js, PostgreSQL, MongoDB

Tools & Methods: Git, GitHub, Slack, Jest, Mobile/Responsive Development, RSpec, Chrome Dev Tools, Figma, Agile.

Professional: Remote Pair-Programming, Teamwork, Self-Belief, Determination, Problem-Solving, Adaptability.

EXPERIENCE

HIGHLIGHTED TECHNICAL PROJECTS, Remote

Full-stack Web Developer February 2022 – Present

- Completed 60+ projects, both independently and through pair programming, mastering DS&A, resulting in a 40% boost in problem-solving skills.

Some of the projects are:

- MingleMate** - A mobile-first, responsive web application designed for efficient collection management. Non-authenticated users can explore the app with read-only access. Every page provides access to a full-text search. They can utilize the search functionality but are restricted from creating collections, items, leaving comments, and likes. Authenticated users without admin privileges have comprehensive access to all features except the admin page. Admins have access to the admin page for user management, including view, block, unblock, delete, add to admins, and remove from admins. Only admins or creators of collections/items can manage them (edit, add, delete). All items have cloud tags, supporting autocompletion. Two visual themes (light and dark) are available, with the user's choice saved.
Built with: React, TypeScript, Tailwind, Rails, PostgreSQL, Firebase, JWT [GitHub](#) [Live](#)
- CollabCanvas** - A web application resembling a collaborative drawing board, similar to Google Jamboard. Each user can either create a new board or join existing ones, allowing multiple users to draw simultaneously. Changes are visible in real-time to others, with drawn elements persisting indefinitely.
Built with: WebSocket, React, JavaScript, Tailwind, Express.js, MongoDB, [GitHub](#) [Live](#)
- Photo Gallery** - A fully responsive both mobile and desktop full-stack application allows users to create and manage their photo galleries securely. The app utilizes React-Beautiful-DnD to implement a smooth and intuitive drag-and-drop feature. Drag-and-drop functionality for reordering images in galleries. Simply drag an image and drop it in the desired position. The updated order is immediately reflected. Integration with Google OAuth for seamless user registration and login. CRUD (Create, Read, Update, Delete) operations for photo galleries. Real-time validation of user input for registration.
Built with: JWT, React, JavaScript, Tailwind, Express.js, MongoDB, Firebase [GitHub](#) [Live](#)

4. **CryptoRPS** - This command-line game allows players to engage in a classic Rock, Paper, Scissors game while ensuring the integrity of the moves through HMAC. The game generates a unique HMAC key for each session, adding an extra layer of security and transparency.

Built with: JavaScript, Node.js, Chalk, Crypto Module, command-line [GitHub](#)

ITTRANSITION GROUP, Remote

Intern Developer(Front-end), December 2023 - January 2024

- Dedicated over 500 hours to mastering algorithms, and data structures, and enhancing skills in UI/UX development and front-end technologies.
- Developed 3 projects using Ruby, Rails, JavaScript, TypeScript, React, and Redux, showcasing the practical application of acquired knowledge. Successfully contributed to the completion of the course's final project, **MingleMate**, including active participation in the project defense.
- Gained hands-on experience with databases like PostgreSQL, MySQL, and MongoDB. Deepened understanding of software lifecycle, object-oriented programming principles, and design patterns.
- Proficient in utilizing Tailwind and Bootstrap for front-end design, ensuring a polished and user-friendly interface.

MICROVERSE, Remote

Mentor (Volunteer), January 2023 – present

- Mentored 4 Junior Web Developers, cutting coding time by ~20% for heightened productivity.
- Delivered hands-on guidance and rigorous code reviews, fostering unprecedented progress.
- Achieved ~35% design excellence and ~25% system performance boost, setting new web development standards.
- Secured a perfect 100% satisfaction rating, with mentees excelling under my mentorship.

MICROVERSE, Remote

Code Reviewer · Part-time May 2023 - December 2023

- Enhance code quality by providing actionable recommendations resulting in a 70% reduction in code-related issues.
- Evaluate code clarity, style, and best practices on project Pull Requests, contributing to a 55% improvement in overall code readability.

Bangladesh Rural Electrification Board, Dhaka, Bangladesh

Line Technician, June 2008 – January 2020

- Calmed individuals during blackouts and resolved 15-20 daily complaints using problem-solving and convincing skills.
- Received the Best Employee award thrice for maintaining customer relationships, technical expertise, and consistently working without a weekly day off.

EDUCATION

MICROVERSE, January 2023– December 2023

Remote Full Stack Web Development Program, Full-Time

- Spent 1400+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.