

# Jay Ambaliya

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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## Work Experience

**Full Stack Developer** - React.js, Node.js, Express.js

(July 2019 - Feb 2021)

Hopeleaf Technology

- Worked on React-based project's performance optimization by implementing virtual scrolling and pagination, resulting in enhanced user experience and faster loading times.
- Managed parallel task execution, task concurrency, racing scenarios, and cancellation using Redux-Saga and Redux Toolkit, boosting project robustness and responsiveness.
- Developed SaaS products using React.js, Typescript, SCSS, Webpack, Git, and Jest for unit testing. Created detailed API documentation.
- Developed a Node-based email marketing solution for CSV data synchronization and templated email delivery using Csv-parse library.
- Practiced Agile methodology, particularly Scrum framework, to ensure on-time project delivery.
- Significantly improved e-commerce UI, emphasizing user-friendly design and vital components: Cart, User Authentication, Product Cards, Carousels/Sliders.

**Frontend Developer** - React, Typescript, Material UI framework.

(Jan 2018 - Jun 2019)

Uka tarsadia university

- Collaborated with a multidisciplinary team of developers and designers to create a visually appealing and user-friendly frontend interface for the university's web application.
- Developed interactive and responsive web pages using React, TypeScript, and the Material UI framework, ensuring optimal user experience across different devices and browsers.
- Implemented complex features and functionalities, such as user authentication, data visualization, and form validation, to enhance the functionality of the web application.
- Utilized modern web development practices and followed UI/UX design guidelines to create intuitive and visually consistent interfaces.
- Participated in code reviews to maintain code quality, improve performance, and adhere to coding standards.

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## Education

• **Computer Systems Technician**

(Jan 2021-Aug 2022)

Loyalist College of Applied Arts and Technology, Toronto, ON

• **Computer Engineering**

(Jul 2015-Jun 2019)

Uka Tarsadia University, Bardoli, India

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## Technical Skills

- **Programming Languages, and Technologies:** Java (OOP), JavaScript.
- **Front-end Development:** HTML5, CSS3, JavaScript (ES6+), Typescript, React.js.
- **Back-end Development:** Node.js, Express.js.
- **CSS Framework:** Tailwind CSS, Bootstrap, Material UI.
- **Databases and Data Modeling:** MongoDB, GraphQL, MySQL.
- **API Development:** RESTful APIs, Express.js, Node.js.
- **Version Control:** Git, GitHub, GitLab.
- **DevOps:** Docker, Azure.
- **Testing:** Jest, Mocha, Chai.
- **Tools and Technologies:** Visual Studio 2017, Postman, Jira.

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## Certificates

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- **IBM** - Developing Cloud Apps with Node.js and React
  - **The Hong Kong University of Science and Technology** - Front-End Web UI Frameworks and Tools: Bootstrap 4
  - **The Hong Kong University of Science and Technology** - Server-side Development with NodeJS, Express and MongoDB
  - **Udemy** - Complete React Developer in 2022 (w/ Redux, Hooks, GraphQL)
  - **Udemy** - Complete NodeJS Developer in 2022 (GraphQL, MongoDB, + more)
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## Projects

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### 1) Dynamic E-commerce Website Development with React, Redux, Tailwind CSS, Firebase, and Stripe Payment API

**Overview:** Developed a fully dynamic e-commerce website using React.js and Redux as front-end frameworks. Used JSX, CSS, and Tailwind CSS for styling and design, and integrated Firebase for Google Authentication and Database. Incorporated Stripe payment API to enable online payment functionality. The website is currently functional and hosted on a Heroku server.

**Technical Environment:** Used React.js, Redux, JSX, CSS, Tailwind CSS, Firebase, and Stripe payment API. Deployed the website on a Heroku server and utilized Git for version control.

[GitHub](#) | [Live Preview](#)

### 2) Online Book Management System with AWS S3 and DynamoDB

**Overview:** Developed an online book management system that allows authenticated users to manage their books, while users and guests can view and download available books. Used AWS S3 as file storage and AWS DynamoDB as the database.

**Technical Environment:** Used React.js, Node.js, AWS S3, AWS DynamoDB, HTML, CSS, and JavaScript. Deployed the website on an AWS server and utilized Git for version control.

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## Reference

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1. **Name:** Harsh Arvindbhai Tejani

**Position:** Software developers

**Email:** harsh.tejani@giatec.ca