

# Monisha Muthuraman

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## SUMMARY

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Software Developer with 3+ years of experience building responsive and scalable web applications in the banking domain. Skilled in **ReactJS, JavaScript, TailwindCSS, Java, and Python**, with strong expertise in API integration, accessibility compliance, and performance optimization. Passionate about clean, maintainable code and continuous learning actively contributing to personal projects on [GitHub](#).

## TECHNICAL SKILLS

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**Programming Languages:** HTML5, CSS3, JavaScript (ES6+), Python, SQL, Java

**Frameworks:** ReactJS, TailwindCSS

**Other Tools/ Libraries:** Git, VS Code, PyCharm, Visualizer, JIRA, Test complete, Bitbucket, Eclipse, GitLab, SourceTree, Kony quantum fabric, Chrome DevTools, Figma, GitHub, Draw.io,

## WORK EXPERIENCE

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### Software Engineer

*HCL Technologies*

2/2023 – Present

*Chennai, India*

#### 1. Rawbank

- Developed and enhanced end-to-end features in various Banking modules, working across frontend UI, backend services and database layers.
- Implemented frontend business logic and validations and integrated them with backend services to ensure the accurate payment workflows in Forex Payments module
- Designed and managed database structures and logging tables in MySQL.
- Implemented logging mechanisms in backend to track and handle error states and edge cases in Cards module.

#### 2. Infinity Banking – Sinopac and Eurobank ( Luxembourg/Cyprus)

- Authored **Technical Specification Documents (TSDs)** and **API architecture diagrams**, bridging product requirements with technical execution.
- Developed end-to-end **Verification of Payee (VoP) feature** into Eurobank's web app, improving beneficiary validation security.
- Built personal projects to gain practical experience in **ReactJS**, including component design, state management, and responsive interfaces.

#### 3. CWB BANK- Dark Theme Implementation

- Work closely with designers to ensure the dark theme aligns with the overall look and feel of the website or application. This includes color contrast, readability, and accessibility considerations.
- Dynamically applying the appropriate CSS classes or variables based on the selected theme.

- Collaborated with clients to gather and analyze requirements, documenting the development process, including API integration, feature specifications, and technical workflows to ensure seamless implementation

#### 4. CAF BANK- Web Accessibility Project

- Built web pages that are more user-interactive with accessibility features following WCAG guidelines and used NVDA Screen reader to test the same.
- Worked extensively in using version control system like GIT and used JIRA for defect tracking.
- Debugging using web developer tools on Chrome, Firefox and Internet Explorer.
- Used JavaScript for developing UI Components like Editable drop down, data-driven menu customizations.
- Collaborated with designers to implement visually appealing interfaces and interactive features using **JavaScript**.

#### Product Engineer

*Temenos India Pvt. Ltd.*

1/2022 – 2/2023

*Chennai, India*

- Developed user-friendly interfaces using **JavaScript** and **Java** to enhance customer satisfaction.
- Gained foundational experience in **ReactJS**, **Python**, **SQL**, and **Agile (SCRUM)** practices, including sprint demos and retrospectives.
- Collaborated on debugging and feature enhancements in banking applications.

### PERSONAL PROJECTS

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#### 1. Pomodoro Timer App | *ReactJS, TailwindCSS*

- Built a fully responsive productivity timer app with customizable session and break durations.
- Implemented state management, pause/resume logic, and local storage persistence.
- Enhanced UI using Tailwind utility classes for consistent spacing, alignment, and transitions.

#### 2. Diabetes Mellitus Prediction | *Python, Machine Learning*

- Cleaned and preprocessed medical datasets using Pandas and NumPy for accurate predictions.
- Trained an XGBoost model achieving **81% accuracy**; visualized key insights using Matplotlib and Seaborn.
- Implemented feature selection techniques to improve model interpretability.

#### 3. Tribute Page | *HTML, CSS*

- Designed a static tribute webpage with semantic HTML and responsive layout.
- Practiced accessibility principles and mobile-first design approach.

### COURSES/CERTIFICATIONS

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**Python:** Coursera, NPTEL, GUVI | Gold Badge (HackerRank)

**SQL:** Sololearn | Silver Badge (HackerRank)

### EDUCATION

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**Sona College Of Technology**

*Bachelors of Engineering, CGPA:8.9/10*

Salem, India

2017-2021