**Rajyalakshmi Chebrolu**  
**Full Stack Developer**  
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**Availability:** Immediately

**Professional Summary**

I am a motivated and detail-oriented Full Stack Developer with a strong interest in building dynamic, user-friendly web applications. My technical foundation includes hands-on experience with both front-end and back-end technologies. I’ve developed several personal and academic projects that have helped me understand the full development life cycle from designing responsive interfaces to implementing robust server-side logic. I’m always eager to expand my skill set.

**Core Competencies**

* **Backend Development Skills**: Python, Django, PHP, Laravel (Basic), C#, MySQL, MongoDB
* **CMS Development Skills**: WordPress (Elementor, WP Forms)
* **Tools & Platforms**: Git, Visual Studio Code, Android Studio
* **Mobile Development Skills**: React Native
* **Frontend Development Skills**: HTML, CSS, JavaScript, React, Saas, Bootstrap, UI/UX Design (Figma)

**Education**

* **Bachelor of Applied Information Technology**  
  Whitecliffe School of Information Technology, New Zealand – *Final Year: Apr 2026*
* **Diploma in Software Development**

Whitecliffe School of Information Technology, New Zealand – *2024*

* **Diploma in Web Development**

Whitecliffe School of Information Technology, New Zealand – *2023*

* **Certificate in IT**

Whitecliffe School of Information Technology, New Zealand – *2022*

* **Online Course (Currently Learning)**

React, JavaScript – From Udemy

* **Bachelor of Technology in Electronics & Communications**

JNTU, India – *2007*

**Projects**

**Bank Account Management Application**

**Analyst & Developer**

**Tools:** C#, Visual Studio, Git, UML, Windows Forms

Designed and prototyped a multi-account banking system to support deposit, withdrawal, and interest operations for both customers and bank staff. Applied object-oriented principles and the MVC pattern to ensure modularity, scalability, and maintainability.

* **Requirement Analysis and Prototyping**

Conducted business analysis to define account types and user roles (customers and staff) and account types (Everyday, Investment, Omni), each with distinct features such as interest rates, overdraft limits, and transaction fees. Designed a UML class diagram using inheritance and abstraction to model account behaviours and relationships, including fee discounts for staff and failed transaction handling.

Implemented C# classes with encapsulated attributes and polymorphic methods for deposit, withdrawal, and interest calculation, ensuring alignment with object-oriented principles.

* **Customer Information Management Prototype**

Applied the Model-View-Controller (MVC) pattern to manage customer data, designing a controller class to handle CRUD operations and business logic. Developed a Windows Forms interface for adding, updating, and deleting customer records, integrating branding elements and usability features such as tooltips and responsive layouts. Created unit tests and custom exception classes to validate customer operations and ensure robust error handling, including failed withdrawal scenarios.

* **Banking System Prototype**

Enhanced the application to support intra-account transfers, fee adjustments for staff and interest computations across account types. Implemented data serialization for persistent storage of customer and account information, ensuring data integrity across sessions.

Managed version control using Git with feature branching, descriptive commits, and .gitignore optimization; pushed final code to a private GitHub repository with collaborator access.

Conducted manual testing using Gherkin scenarios and documented outcomes in a structured test summary table, resolving edge case failures and refining logic.

**Web Architecture and CMS Website**

**Full Stack Developer**

**Tools:** WordPress, Elementor, WP Forms, MySQL, HTML5, CSS3, Bootstrap, Git

Developed a CMS-driven website for Auckland personal trainer Mike Watts using **WordPress** with **Elementor** for visual page building and **MySQL** for dynamic content storage. The site is structured to support five core sections - Homepage, About Me, Pricing, Testimonials, and Contact - each populated from the database and styled with Elementor’s responsive design tools. Configured MySQL queries and PHP logic to support secure read/write operations and dynamic content rendering.

* **Content Management System Functionality**

Developed a custom admin interface allowing Mike to create, edit, and publish page content without technical assistance. Enabled full CRUD operations for all content types, including multi-format testimonials, pricing tiers, and personal bios. Implemented a **contact form** with email functionality using PHP Mailer, allowing prospective clients to submit inquiries directly to the trainer’s inbox.

* **Responsive Design and User Experience**

Applied responsive design principles using **Bootstrap** and media queries to ensure optimal performance across desktop and mobile devices. Crafted intuitive navigation and layout structures to enhance usability and accessibility for diverse user groups. Embedded SEO-friendly metadata and structured content blocks to improve discoverability and engagement. Validated form inputs and implemented basic security measures to protect user data and prevent spam.

**Portfolio Website**

**Front-End Developer**

**Tools:** HTML5, SCSS, Bootstrap 5, JavaScript, SASS Preprocessor, Git

Developed a single-page portfolio website using HTML5 and organized project assets into structured directories for maintainability and scalability. Authored original content for employment history, education, and personal branding, complemented by public domain imagery.

* **Styling and Responsive Design**

Created a modular **SCSS stylesheet** compiled and minified into style.css, utilizing partials like \_variables.scss and \_mixins.scss to streamline styling.  Applied **SASS features** including nesting, mixins, and variables to reduce redundancy and enhance code clarity.  Integrated **Bootstrap 5** grid system and media mixins to ensure responsive layout across all major screen sizes.

* **Interactivity and Animation**

Implemented smooth scrolling between anchor points using JavaScript and CSS transitions for enhanced user experience. Designed a **fade-in overlay animation triggered** by JavaScript and controlled via CSS keyframes, adding dynamic visual engagement. Ensured all code was well-commented, properly indented, and cleanly nested to meet professional development standards.

**Movies App – React Based Cinema Listing Platform**

**Front-End Developer**

**Tools:** React.js, JSX, npm, Git, Visual Studio Code, TMDb API, fetch

Designed and developed a multi-page movie browsing and booking application using **React.js**, featuring dynamic routing, API integration, and responsive UI components. Implemented a **Home page** with a carousel slider showcasing popular movie posters and metadata, fetched in real-time from **The Movie Database (TMDb) API**.

Built a **Movies page** displaying a grid of recent releases with loading skeletons for enhanced UX and linked each card to a detailed view. Developed a **Movie Detail page** with comprehensive information including title, tagline, genres, runtime, ratings, and external links to IMDb and official homepages.

 Utilized **React Router** for seamless navigation across pages such as Home, Movies, About Us, Login, Contact, and booking-related flows. Applied **conditional rendering**, **state management** (useState, useEffect), and **component-based architecture** to ensure maintainability and scalability. Integrated **Axios** and native fetch for asynchronous data handling and implemented scroll behaviour and alert prompts for user guidance.

Strengthened proficiency in **frontend development**, **API consumption**, and **modular design**, aligning with best practices in modern web applications.

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