

Developer Roles for Galloways Insurance Consultancy Website

1. Frontend Developer 1

Responsibilities:

- **UI/UX Development (Core Website Features):**
 - o Build **Home Page** with high-impact visuals, clear value proposition, and quick navigation using React.js (responsive design).
 - o Develop **About Us** page with leadership profiles and credibility-building content.
 - o Create **Services Overview** page for risk management, claims advisory, compliance audits, and policy reviews.
- **Consultancy-Specific Features (Frontend):**
 - o Implement **Advisory Services Portal** client interface for secure file attachments (e.g., drag-and-drop document uploads).
 - o Develop **Client Education Center** for webinars, whitepapers, and case studies.
- **M-Pesa Integration (Frontend):**
 - o Create interface for M-Pesa payments within the advisory portal (e.g., payment form for phone number entry and transaction confirmation).
- **Design Implementation:**
 - o Apply corporate style (blue, white, neutral tones) with high-quality imagery.
 - o Ensure WCAG 2.1 accessibility compliance.
 - o Integrate logo (geometric shield, navy to blue-gray gradient) and typography (serif for "GALLOWAYS," sans-serif for tagline).
- **Testing and Integration:**
 - o Test components (including file uploads and M-Pesa interface) for responsiveness, accessibility, and usability.
 - o Collaborate with backend developer for API integration (file attachments, payments, education center).

Skills Required:

- Expertise in React.js and responsive design.
- Knowledge of UI/UX, WCAG 2.1, file upload interfaces, and payment forms.
- API integration for dynamic content.
- Brand-consistent design implementation.

2. Frontend Developer 2

Responsibilities:

- **UI/UX Development (Core Website Features):**
 - Build **Blog & Insights** section for articles, market updates, and case studies using React.js.
 - Develop **Contact Page** with contact form, map, and social links.
- **Consultancy-Specific Features (Frontend):**
 - Create **Risk Assessment Tools** (interactive questionnaires and calculators).
 - Implement **Consultation Booking System** with calendar UI for scheduling.
 - Design **Client Feedback System** for testimonials and reviews.
 - Build **Industry Insights Section** for market trends and forecasts.
 - Develop **Quote Submission Form** with file attachment support and confirmation messages.
- **Notification System (Frontend):**
 - Implement client notifications (e.g., alerts for quote submissions, booking confirmations).
 - Create web admin dashboard interface for notifications of new quote submissions (with details and attached files).
- **Design Implementation:**
 - Apply corporate style and high-quality imagery.
 - Ensure WCAG 2.1 accessibility compliance.
 - Integrate logo and typography.
- **Testing and Integration:**
 - Test components (booking, quote form, notifications) for interactivity, responsiveness, and accessibility.
 - Collaborate with backend developer for API integration (risk tools, booking, feedback, quotes, notifications).

Skills Required:

- Proficiency in React.js and responsive design.
- Experience with interactive UI (calculators, calendars, forms), WCAG 2.1, notifications, and admin dashboards.
- API integration for dynamic features.
- Brand-consistent design implementation.

3. Backend Developer

Responsibilities:

- **Server-Side Development:** Develop logic using Node.js/Express.js.

- **Database Management:** Design PostgreSQL database for:
 - **Advisory Services Portal** (documents, reports, file attachments).
 - **Compliance & Regulation Resources** (laws, checklists).
 - **Document Repository** (agreements, audit reports).
 - **Blog & Insights** and **Client Education Center** content.
 - **Client Feedback System** and **Industry Insights Section** data.
 - **Quote Submissions** (quote details, attached files).
- **Consultancy-Specific Features (Backend):**
 - Build APIs for portal (file attachments), risk tools, booking system, feedback, quotes, and insights.
- **M-Pesa Integration (Backend):**
 - Integrate M-Pesa APIs (e.g., Safaricom Daraja API) for payment processing, transaction verification, and record storage.
- **Notification System (Backend):**
 - Implement notifications (email/SMS) for clients (quote/booking confirmations) and admins (new quote alerts with details/files).
- **Security Implementation:**
 - Set up SSL, encryption, 2FA for portal and payments.
 - Ensure role-based access for document repository and quotes.
 - Secure file storage and payment data.
 - Implement backups and regulatory compliance.
- **Hosting and Scalability:** Configure AWS/Azure with CDN.
- **Integration Support:** Provide APIs for frontend integration.
- **Testing and Quality Assurance:**
 - Test backend, APIs, M-Pesa, notifications, and security.
 - Ensure end-to-end integration.

Skills Required:

- Expertise in Node.js/Express.js and PostgreSQL.
- Experience with M-Pesa APIs, notification systems (AWS SES/SMS), AWS/Azure, and CDN.
- Knowledge of security protocols (SSL, 2FA, encryption).
- Proficiency in API development, file management, and testing.