

## Final Project: Dynamic Website Resume with CodeIgniter 3, MySQL, AJAX & Gmail SMTP

### Tech Stack:

Technology	Description
CodeIgniter 3	PHP MVC framework for backend logic
MySQL	Database for dynamic content
Bootstrap 5	Responsive frontend layout and components
jQuery + AJAX	Seamless interaction without page reloads
AOS/CSS	Scroll-triggered animations for visual impact
Gmail SMTP	Secure email sending via contact form

### Project Overview:

Develop a **dynamic and visually engaging website resume** that showcases your background, skills, and projects. Your site must:

- Display all resume data dynamically from a **MySQL database**
- Feature a **contact form** that:
  - Submits via **AJAX**
  - **Stores the message in the database**
  - **Sends an email** to your Gmail using **SMTP**
- Include **scroll animations and transitions** to enhance user experience

### Required Website Sections

Section	Description
Home/About Me	Name, professional title, short intro, profile photo, and entrance animations
Education	Fetched from education table, shown in timeline or card format.
Experience	Pulled from experience table, list job roles with years and description
Skills	Load from DB, visualized with progress bars, badges, or icons
Projects	At least 2 projects with title, description, tools used, and images/links.

	Title, tools, screenshots or links, all from the DB
<b>Contact Me</b>	AJAX form that saves message to DB and sends email via Gmail SMTP

### **Contact Me Form – Full Functionality**

- Bootstrap 5 styled form with fields: Name, Email, Message
- AJAX request submits form data to a controller (e.g., Contact/send)
- Backend:
  - **Saves** data into the database
  - **Sends email** to your Gmail using SMTP with CodeIgniter's Email Library
- Displays success/error using toast or modal

### **Animation Requirements**

Enhance the site using animation libraries such as **AOS** or **CSS transitions**:

- Animated scroll effects for sections
- Animated progress bars (skills)
- Fade-ins or slide-ins for project cards
- Optional: preloader, hero text typing (Typed.js)

### **Design Guidelines**

- Use **Bootstrap 5** layout and components.
- Clean, modern layout with spacing and hierarchy.
- Fully responsive (desktop, tablet, mobile).
- Use **Google Fonts** and **icon libraries** (FontAwesome or Bootstrap Icons).
- Use consistent colors, hover effects, and animations.

### **Bonus Features (Optional)**

- Downloadable resume (PDF).
- Admin dashboard (CRUD for resume sections)