

ERIS – Online Job Search System

Overview

ERIS is a comprehensive web-based job search and management system designed to bridge the gap between job seekers and employers. The platform offers two distinct interfaces:

- One for **job seekers** to search and apply for positions.
 - An **administrative dashboard** for managing job postings and applications.
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Key Features

For Job Seekers

User Registration & Profile Management

- Create and manage personal profiles.
- Upload resumes and documentation.
- Track application history.
- Update personal information and credentials.

Job Search Functionality

- Advanced search filters.
- Category-based job browsing.
- Save favorite job listings.
- Real-time job notifications.
- Apply directly through the platform.

Application Tracking

- View application status.
 - Track interview schedules.
 - Receive status updates.
 - Maintain communication history.
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For Administrators

Dashboard Management

- Comprehensive overview of system activities.
- User management capabilities.
- Analytics and reporting tools.
- Job posting management.

Job Posting Control

- Create and edit job listings.
- Manage application processes.
- Set job categories and requirements.
- Control visibility and status.

User Management

- Review and approve registrations.
 - Manage user accounts.
 - Handle user reports and issues.
 - Access control management.
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Technical Requirements

Server Requirements

- PHP 7.0 or higher
- MySQL 5.6 or higher
- Apache or Nginx web server
- XAMPP or WAMP server package

Browser Requirements

- Modern web browsers (Chrome, Firefox, Safari, Edge)
 - JavaScript enabled
 - Cookies enabled
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Installation & Setup

1. Server Setup

- Install XAMPP or WAMP on your system.
- Start Apache and MySQL services from the control panel.
- Verify services are running properly.

2. Project Setup

- Extract the downloaded source code.
- For XAMPP: Copy the extracted folder to the htdocs directory.
 - Default path: C:/xampp/htdocs/eris
- For WAMP: Copy the extracted folder to the www directory.
 - Default path: C:/wamp/www/eris

3. Database Configuration

- Open PHPMYAdmin (<http://localhost/phpmyadmin>).
- Create a new database named erisdb.
- Import the erisdb.sql file from the project folder.
- Database structure includes tables for:
 - Users
 - Jobs
 - Applications
 - Categories
 - Admin accounts

4. System Access

- **Job Seekers Portal:** <http://localhost/eris>
- **Admin Dashboard:** <http://localhost/eris/admin>
- Default admin credentials (**change immediately after first login**):
 - Username: admin
 - Password: admin

Database Configuration Details

The database configuration can be found in the connection file. Update the following parameters if needed:

```
$host = 'localhost';  
$dbname = 'erisdb';  
$username = 'root';  
$password = '';
```

Security Recommendations

1. Change default admin credentials immediately after installation.
 2. Regularly back up the database.
 3. Keep the system updated with the latest security patches.
 4. Use strong passwords for all admin accounts.
 5. Regularly monitor system logs.
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Troubleshooting

Connection Issues

- Verify Apache and MySQL services are running.
- Check database credentials in the configuration file.
- Ensure proper file permissions.

Database Issues

- Confirm the database name matches the configuration.
- Verify all tables were properly imported.
- Check MySQL service status.

Access Issues

- Clear browser cache and cookies.
 - Verify URL paths are correct.
 - Check server logs for errors.
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Important Notes

- Regularly back up your database.
- Keep track of all admin account credentials.

- Monitor system performance and user feedback.
 - Update security settings periodically.
 - Maintain regular system maintenance.
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System Architecture

- **Frontend:** HTML5, CSS3, JavaScript
 - **Backend:** PHP
 - **Database:** MySQL
 - **Server:** Apache or Nginx
 - **Additional Libraries:** Bootstrap, jQuery
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Support

For technical support or queries:

- Check server logs for detailed error messages.
 - Review documentation in the project directory.
 - Contact the system administrator for access issues.
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