



Republic of the Philippines
BATANGAS STATE UNIVERSITY
The National Engineering University
Alangilan Campus

Golden Country Homes, Alangilan, Batangas City, Philippines 4200

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College of Informatics and Computing Sciences

Student Information

- Name: RIVERA, IRISH D.
- Section: CS-3101
- Date Submitted: September 29, 2025

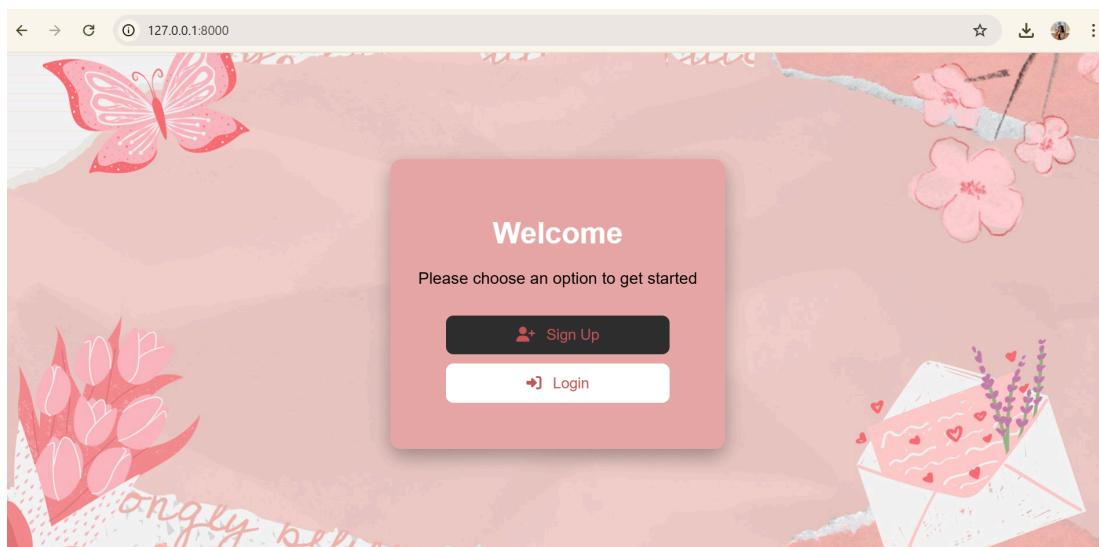
Activity Title

Activity 2: Login Form Integration with Resume/Portfolio Page

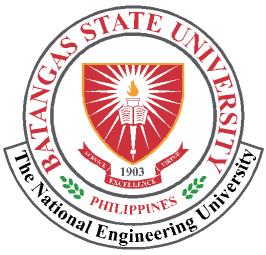
Instructions

- Develop a **login form** integrated with your **Activity 1 (Resume/Portfolio Page)**.
 - Add **form validation** (required fields, incorrect login handling).
 - Submit the following in this document:
 1. Screenshot(s) of your working login page.
 2. Copy of your code (HTML, PHP, CSS).
 3. Explanation of how your code works.
 4. Tools/Software used.
-

Part A: Screenshots



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127.0.0.1:8000/signup

Sign Up

Full Name

Username

Email

Password

Confirm Password

Create Account

[Already have an account? Login](#)

[Back to Welcome](#)

127.0.0.1:8000/login

Login

Username or Email

Password

Login

[Forgot your password?](#)

[Create new account](#)

[Back to Welcome](#)

127.0.0.1:8000/login

Login

keller

Password

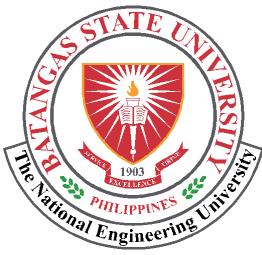
All fields are required!

[Forgot your password?](#)

[Create new account](#)

[Back to Welcome](#)

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127.0.0.1:8000/login

→ Login

Account created successfully! You can now login.

Username or Email

Password

Login

Forgot your password?

Create new account

Back to Welcome

127.0.0.1:8000/login

→ Login

Invalid username/email or password.

Username or Email

Password

Login

Forgot your password?

Create new account

Back to Welcome

127.0.0.1:8000/resume

Login successful, welcome to your resume!

Personal Information

Date of Birth: January 17, 2005
Place of Birth: Tinga Itaas, Batangas City
Civil Status: Single
Field of Specialization: Computer Science

Organization

Organization: ACCESS, JPCS
Position: Member
Year: Present

IRISH RIVERA

Tinga Itaas, Batangas City
23-00679@g.batstate-u.edu.ph
09362695155

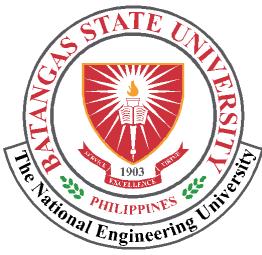
Educational Background

Elementary: Tinga Itaas Elementary School (2017)
Secondary: STI - Batangas (2023)
Tertiary: Batangas State University - TNEU (Alangilan Campus) (Present)

Skills

Teamwork: Works effectively in group settings to achieve shared goals.
Problem Solving: Able to analyze challenges and find efficient solutions.
Critical Thinking: Thinks logically and evaluates information before making decisions.

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Organization: ACCESS, JPCS
Position: Member
Year: Present

Field of Interest

- Software Development
- Artificial Intelligence
- Web Development
- Cybersecurity

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Problem Solving: Able to analyze challenges and find efficient solutions.
Critical Thinking: Thinks logically and evaluates information before making decisions.
Communication: Expresses ideas clearly in both written and spoken form.

Programming Languages

HTML: For structuring web pages.
CSS: For designing and styling web pages.
PHP: For backend web development.
JavaScript: For interactive and dynamic web content.
Python: For data analysis, AI, and backend development.
Java: For cross-platform applications and Android development.

Awards and Recognitions

Dean's Lister - First Year, First Semester (2023-2024)

[Print Resume](#) [Logout](#)

IRISH RIVERA
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25-00679@g.batstate-u.edu.ph
09329269150

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Java: For cross-platform applications and Android development.

Awards and Recognitions

Save Cancel

Forgot Password

23-00679@g.batstate-u.edu.ph

[Send Reset Link](#)

[Back to Login](#)

Forgot Password

We have emailed your password reset link!

Enter your email

[Send Reset Link](#)

[Back to Login](#)

Hello!

You are receiving this email because we received a password reset request for your account.

[Reset Password](#)

This password reset link will expire in 60 minutes.
If you did not request a password reset, no further action is required.

Regards,
LaravelSMTP

If you're having trouble clicking the "Reset Password" button, copy and paste the URL below into your web browser: <http://127.0.0.1:10000/reset-password/21fa19b9d96532603e1665c8405a822da66c8813e8e32bbe8f57bf4bf6fb67ff?email=23-00679@g.batstate-u.edu.ph>

Reset Password

Email: 23-00679@g.batstate-u.edu.ph

New Password:

Confirm New Password:

[Reset Password](#)

[Back to Login](#)

Reset Password

Email: 23-00679@g.batstate-u.edu.ph

New Password:

Confirm New Password:

[Reset Password](#)

[Back to Login](#)

Login

Your password has been reset! You can now login.

Username or Email

Password

[Login](#)

[Forgot your password?](#)

[Create new account](#)

[Back to Welcome](#)

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Part B: Source Code

Github Repository for the whole Source Code: <https://github.com/kelleeerrrr/resume-app-test>

Part C: Explanation

This project is a simple Laravel web application that allows a user to register, log in, and view a personal resume page. It uses Laravel 12 (running on PHP 8.4) as the backend framework, Blade for templating, and PostgreSQL as the database.

There are three main parts:

1. AuthController.php

(<https://github.com/kelleeerrrr/resume-app-test/blob/main/app/Http/Controllers/AuthController.php>)

This controller handles all the authentication logic.

❖ **register(Request \$request):**

- Validates the user's name, username, email, and password.
- Creates a new user in the database with a hashed password (using Laravel's Hash::make).
- Redirects the user to the login page with a success message.

❖ **login(Request \$request):**

- Accepts either username or email as the login credential.
- Uses filter_var to detect if the input is an email or username.
- Fetches the user record from the database.
- Verifies the password using Hash::check.
- If successful, stores the user ID in the session and redirects to the resume page with a success flash message.
- If not, it returns back with an error message.

❖ **resetPassword(Request \$request):**

- Validates token, email, and password inputs.



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- Check the password_reset_tokens table for a matching record.
- Updates the user's password securely.
- Deletes the used token and redirects back to login with a success message.

2. Blade Templates

(<https://github.com/kelleeerrrr/resume-app-test/tree/main/resources/views>)

- **signup.blade.php** → Contains the registration form (name, username, email, password, confirm password).
- **login.blade.php** → Contains the login form (username/email, password).
- **resume.blade.php** → Displays the resume page, but only after successful login.
- **forgot-password.blade.php / reset-password.blade.php** → Handle the password reset flow with email + token.

3. Routes (web.php)

(<https://github.com/kelleeerrrr/resume-app-test/blob/main/routes/web.php>)

The routes define how the app flows:

- /signup → Registration form
- /login → Login form
- /resume → Resume page (requires login)
- /forgot-password → Request reset link
- /reset-password → Reset password with token

How validation works

Laravel provides both client-side checks (HTML5) and server-side validation:

- **Client-side (basic):** HTML required attributes ensure no empty fields before submission.
- **Server-side (Laravel validation):**
 - `request->validate([...])` ensures all required inputs are filled correctly.
 - Checks for unique usernames/emails on registration.
 - Enforces strong passwords (minimum length, confirmation).
 - Prevents invalid logins by securely comparing hashed passwords.



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How the login form is integrated with the resume page

- When the user logs in successfully, the system stores the user ID in the session.
- The /resume route checks if a session user exists:
 - If logged in → Show resume page.
 - If not logged in → Redirect back to /login.
- Flash messages (with('success', 'Login successful!')) inform the user about their actions.
- The resume page can also include a logout button that clears the session.

Any challenges faced and how you solved them

Setting up Laravel: Since I'm new to Laravel, installing the right versions of PHP, Composer, and Node.js was confusing. I often get errors during setup. I solved this by checking Laravel's official documentation, watching tutorials, and asking help from classmates. Slowly, I figured out which versions were compatible and was able to run php artisan serve successfully.

Connecting to PostgreSQL: At first, I kept getting connection errors because I didn't know how to properly edit the .env file. I solved this by carefully matching the database name, username, and password I created in PostgreSQL. I also made sure the PostgreSQL service was running. Once I understood the pattern, the connection worked.

Database migrations: I struggled with migrations failing due to PostgreSQL's strict rules on data types and constraints. To fix this, I Googled the error messages, read documentation, and tried changing my migration files step by step until they worked.

Email configuration: Setting up email was a new experience. I first tried Gmail but ran into app password issues. Later, I learned about Mailtrap which was easier for testing. I solved this by reading guides and experimenting with both options until I got Laravel's mail system working.

Frontend asset compilation: Running npm install or npm run build gave me version errors. I solved this by checking my Node.js version, uninstalling, and reinstalling the correct one that matched Laravel's requirements. Once I fixed the version mismatch, the commands worked.

Git and GitHub collaboration: Learning Git was overwhelming. At first, I messed up commits and pushes. I solved this by practicing basic commands like git add ., git commit -m, and git push origin main. Watching short tutorials and actually trying the commands helped me get more comfortable with version control.

Environment setup differences: Using different computers caused problems like missing extensions. I solved this by documenting what I installed step by step (PHP, Composer, Node.js, PostgreSQL). Whenever I switched computers, I just followed my notes to replicate the setup.

Learning curve: Laravel's folder structure and commands were confusing. I solved this by focusing on small steps. For example, I first learned how routes work, then controllers, then Blade templates. By breaking it down, I slowly became more familiar with the framework.



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Time management: Since everything was new, tasks took longer. I solved this by setting small goals each day instead of trying to finish everything at once. I also relied on online tutorials and classmates for support so I wouldn't get stuck for too long.

Part D: Tools Used

VS Code: A source-code editor developed by Microsoft. It was used to write Laravel controllers, Blade templates, migration files, and configure routes.

PHP 8.4: A popular server-side scripting language. It runs the Laravel framework and executes backend logic for user registration, login, and password reset.

Laravel 12: A modern PHP web framework. It provides MVC structure, authentication logic, session management, routing, and Blade templating for the resume application.

Composer: A dependency manager for PHP. It installs and manages Laravel and its required packages (e.g., mailer, database drivers).

Node.js / npm: A JavaScript runtime and package manager. It handles frontend build tools for Laravel, such as compiling CSS/JS and running asset build commands.

PostgreSQL: A relational database management system. It stores user records (name, username, email, password) and password reset tokens, accessed via migrations and Eloquent ORM.

Git: A version control system. It tracks project changes, manages commits, and pushes code to GitHub.

GitHub: An online repository hosting platform. It hosts the resume-app project, enabling easy submission, backup, and collaboration.

Browser (Chrome/Edge): Web browsers used for testing and running the application. They access Laravel routes (/signup, /login, /resume) to verify that forms, validation, and integration work correctly.

Mailtrap or Gmail (SMTP + App Password): Email testing and sending tools. They are used for sending and testing password reset links from the application.

Rubric Reference

- Make sure your work aligns with the rubric provided in Google Classroom (Functionality, Code Quality, Design & Integration, Explanation, Submission).