

Email Configuration for Password Reset

To enable email sending for password reset functionality, you need to configure SMTP settings using environment variables.

Environment Variables

Set the following environment variables before running the application:

Required Variables

- **SMTP_USER**: Your email address (e.g., "your-email@gmail.com")
- **SMTP_PASS**: Your email password or app password

Optional Variables

- **SMTP_HOST**: SMTP server host (default: "smtp.gmail.com")
- **FROM_EMAIL**: From email address (default: same as SMTP_USER)

Gmail Setup (Recommended)

1. **Enable 2-Factor Authentication** on your Google account
2. **Generate an App Password**:
 - Go to Google Account settings
 - Security → 2-Step Verification → App passwords
 - Generate a new app password for "Mail"
3. **Set Environment Variables**:

```
export SMTP_USER="your-email@gmail.com"
export SMTP_PASS="your-app-password"
```

Other Email Providers

Outlook/Hotmail

```
export SMTP_HOST="smtp-mail.outlook.com"
export SMTP_USER="your-email@outlook.com"
export SMTP_PASS="your-password"
```

Yahoo

```
export SMTP_HOST="smtp.mail.yahoo.com"
export SMTP_USER="your-email@yahoo.com"
```

```
export SMTP_PASS="your-app-password"
```

Custom SMTP Server

```
export SMTP_HOST="your-smtp-server.com"
export SMTP_PORT="587"
export SMTP_USER="your-username"
export SMTP_PASS="your-password"
```

Testing

1. Set the environment variables
2. Run the application
3. Go to the forgot password page
4. Enter an email address
5. Check if the email is sent successfully

Fallback Mode

If email is not configured, the application will:

- Log the reset link to the console
- Still return a success response to the user
- Display a message about email configuration

Security Notes

- Never commit email credentials to version control
- Use app passwords instead of regular passwords when possible
- Consider using a dedicated email service for production (SendGrid, Mailgun, etc.)