

# Build & Deployment

## Development Build

```
npm run build
```

## Production Build

```
ng build --configuration production
```

## Build Configuration

Configured in `angular.json`:

```
{
  "configurations": {
    "production": {
      "fileReplacements": [{
        "replace": "src/environments/environment.ts",
        "with": "src/environments/environment.prod.ts"
      }],
      "optimization": true,
      "outputHashing": "all",
      "sourceMap": false,
      "namedChunks": false,
      "extractLicenses": true,
      "vendorChunk": false,
      "buildOptimizer": true,
      "budgets": [...]
    }
  }
}
```

# Environment Variables

Update environment files before building:

**Development** ( `src/environments/environment.ts` ):

```
export const environment = {  
  production: false,  
  enableConsoleLogs: true  
};
```

**Production** ( `src/environments/environment.prod.ts` ):

```
export const environment = {  
  production: true,  
  enableConsoleLogs: false  
};
```

## Deployment Options

### 1. Static Hosting (Recommended)

Deploy to static hosting services:

- **Firebase Hosting**
- **Netlify**
- **Vercel**
- **AWS S3 + CloudFront**
- **GitHub Pages**

### 2. Web Server

Deploy to traditional web servers:

- **Apache**
- **Nginx**
- **IIS**

**Important:** Configure server to redirect all routes to `index.html` for Angular routing to work.

### Nginx Configuration Example:

```
server {  
  listen 80;  
  server_name onmarket.id;  
  root /var/www/onmarket/dist/sapp;  
  index index.html;  
  
  location / {  
    try_files $uri $uri/ /index.html;  
  }  
}
```

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