



Render Deployment - Quick Reference

This is a condensed reference guide for deploying Workigom on Render.com. For detailed instructions, see [RENDER_DEPLOYMENT.md](#) (./RENDER_DEPLOYMENT.md).



Prerequisites

- Render.com account (free tier)
- GitHub repository: `volkanakbulut73/workigom`
- Git push access to the repository



Quick Deploy (Using Blueprint)

1. Deploy with Blueprint

1. **Go to:** `https://dashboard.render.com/`
2. Click: "New +" "Blueprint"
3. Select: `volkanakbulut73/workigom`
4. Click: "Apply"
5. **Wait** 5-10 minutes **for** deployment

2. Run Migrations

After backend is deployed:

```
# Open backend shell in Render dashboard
npx prisma migrate deploy
```

3. Update Environment Variables

Backend (`workigom-backend`):

- Update `CORS_ORIGIN` with your actual frontend URL
- Verify all other env vars are set

Frontend (`workigom-frontend`):

- Update `VITE_BACKEND_URL` with your actual backend URL

4. Redeploy Services

After updating env vars, services will auto-redeploy.



Manual Deploy Steps

If not using Blueprint:

Backend

1. **New** + Web Service
2. Repo: volkanakbulut73/workigom
3. Root Dir: backend
4. Build: npm install npx prisma generate npm **run** build
5. Start: npm **run** start
6. Add environment variables (see below)

Frontend

1. **New** + Static Site
2. Repo: volkanakbulut73/workigom
3. Root Dir: src-frontend
4. Build: npm install npm **run** build
5. Publish Dir: dist
6. Add environment variables (see below)

Database

1. **New** + PostgreSQL
2. Name: workigom-db
3. Plan: **Free**
4. Copy connection string **to** backend **DATABASE_URL**

Required Environment Variables

Backend

```
NODE_ENV=production
PORT=10000
DATABASE_URL=<from_database>
JWT_SECRET=<auto_generate>
JWT_EXPIRES_IN=7d
JWT_REFRESH_SECRET=<auto_generate>
JWT_REFRESH_EXPIRES_IN=30d
CORS_ORIGIN=https://workigom-frontend.onrender.com
RATE_LIMIT_WINDOW_MS=900000
RATE_LIMIT_MAX_REQUESTS=100
MAX_FILE_SIZE=5242880
ALLOWED_FILE_TYPES=image/jpeg,image/png,image/jpg,application/pdf
```

Frontend

```
VITE_BACKEND_URL=https://workigom-backend.onrender.com
```

Post-Deployment Checklist

- [] Backend deployed successfully

- [] Frontend deployed successfully
 - [] Database provisioned
 - [] Migrations run (`npx prisma migrate deploy`)
 - [] Backend health check works: `/api/health`
 - [] Frontend loads in browser
 - [] CORS configured correctly
 - [] Environment variables updated with actual URLs
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Quick Troubleshooting

Backend Won't Start

```
# Check:
1. DATABASE_URL is set correctly
2. Migrations have been run
3. Backend logs for errors
```

Frontend Can't Connect

```
# Check:
1. VITE_BACKEND_URL is correct
2. CORS_ORIGIN includes frontend URL
3. Backend health endpoint responds
```

Database Connection Failed

```
# Check:
1. Wait a few minutes (provisioning can be slow)
2. Verify DATABASE_URL format
3. Check database status in dashboard
```

Service URLs

After deployment, your services will be at:

- **Backend:** <https://workigom-backend.onrender.com>
- **Frontend:** <https://workigom-frontend.onrender.com>
- **Database:** Internal connection string provided by Render

Useful Commands

Backend Shell Commands

```
# Run migrations
npx prisma migrate deploy

# Seed database
npm run prisma:seed

# Check Prisma status
npx prisma studio

# View logs
tail -f /var/log/render.log
```

Check Deployment Status

```
# Backend health
curl https://workigom-backend.onrender.com/api/health

# Frontend
curl -I https://workigom-frontend.onrender.com
```

Additional Resources

- **Full Guide:** [RENDER_DEPLOYMENT.md](#) (./RENDER_DEPLOYMENT.md)
- **Render Docs:** <https://render.com/docs>
- **Prisma Deployment:** <https://www.prisma.io/docs/guides/deployment>

Important Notes

1. Free Tier Limitations:

- Services spin down after 15 min inactivity
- Cold starts take ~30 seconds
- Limited build minutes per month

2. Always Update CORS:

- After deployment, update `CORS_ORIGIN` with actual URLs
- Otherwise frontend won't connect

3. Run Migrations:

- Don't forget to run `npx prisma migrate deploy`
- Required after every schema change

4. Monitor Logs:

- Check logs regularly for errors
- Dashboard → Service → Logs

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