

# SSL Certificate Setup for rajpatil.dev

## Critical: Send This to Antigravity

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### YOU NEED TO DO THIS:

Hey Antigravity! I need you to generate a **Certificate Signing Request (CSR)** for my domain rajpatil.dev.

Here's exactly what I need:

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### CSR Generation Command (Run on Linux)

I'm on Linux. Here's the command to generate CSR + Private Key:

```
openssl req -new -newkey rsa:2048 -nodes -keyout rajpatil.key -out rajpatil.csr
```

When it asks for information, fill exactly like this:

Country Name (2 letter code) [AU]: IN

State or Province Name (full name) [Some-State]: Maharashtra

Locality Name (eg, city) []: Pune

Organization Name (eg, company) [Internet Widgits Pty Ltd]: Rajpatil

Organizational Unit Name (eg, section) []: DevOps

Common Name (e.g. server FQDN or YOUR name) []: rajpatil.dev

Email Address []: [your-email@gmail.com](mailto:your-email@gmail.com)

Please enter the following 'extra' attributes

to be sent with your certificate request

A challenge password []: (LEAVE BLANK - just press Enter)

An optional company name []: (LEAVE BLANK - just press Enter)

### CRITICAL POINTS:

- **Common Name MUST be:** rajpatil.dev (exact domain)
  - Leave challenge password blank
  - Don't include www.rajpatil.dev
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### After Running Command

Two files will be created:

rajpatil.csr ← Certificate Signing Request (send this to [Name.com](#))

rajpatil.key ← Private Key (KEEP THIS SECRET - never share)

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## What To Do Next

1. **View the CSR content:**  
cat rajpatil.csr
  2. **Copy everything** (including ----BEGIN CERTIFICATE REQUEST---- and ----END CERTIFICATE REQUEST----)
  3. **Go to Name.com:**
    - o Login
    - o My Domains → rajpatil.dev
    - o SSL Certificate tab
    - o Click "Order SSL" (apply free GitHub Student Pack coupon)
    - o Click "Paste your own CSR"
    - o Paste the entire CSR
    - o Submit
  4. **Verify domain** when Name.com asks (click email link)
  5. **Certificate installed automatically** in 10-30 minutes
  6. Visit <https://rajpatil.dev> → Should see green padlock
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## Keep Private Key Safe

### Protect the private key

chmod 600 rajpatil.key

### Never upload to GitHub/public repos

### Never share with anyone

### Keep backup (encrypted)

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## Complete Checklist

- [ ] Run openssl command on Linux
  - [ ] Fill Common Name = rajpatil.dev
  - [ ] Generate rajpatil.csr + rajpatil.key
  - [ ] Copy CSR content
  - [ ] Paste into Name.com
  - [ ] Verify domain via email
  - [ ] Wait 10-30 minutes
  - [ ] Check <https://rajpatil.dev> for green padlock ✓
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## If You Need Help

1. CSR not generating? Install OpenSSL:  
`sudo apt-get install openssl`
  2. Can't find files?  
`ls -la rajpatil.*`
  3. View CSR details:  
`openssl req -in rajpatil.csr -text -noout`
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**That's it! Let me know when it's done. ☺**