

# Daniel Callaghan - Kildare, Ireland

## Software Developer

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*A software engineer with experience in developing large-scale insurance software. Additional background in education, hospitality, translating, and the performing arts. Comfortable in Frontend and Backend Development, with technologies such as HTML, CSS, Javascript, and Python.*

## Technical Skill Set

Technologies	Frameworks / Libraries	Tools	Databases	Version Control
<ul style="list-style-type: none"><li>● JavaScript</li><li>● Python</li><li>● Java</li><li>● HTML</li><li>● CSS</li></ul>	<ul style="list-style-type: none"><li>● React</li><li>● Typescript</li><li>● Node</li><li>● Prisma</li><li>● Next</li></ul>	<ul style="list-style-type: none"><li>● AWS</li><li>● Teamcity</li><li>● Risksense</li></ul>	<ul style="list-style-type: none"><li>● PostgreSQL</li><li>● MongoDB</li><li>● Firebase</li></ul>	<ul style="list-style-type: none"><li>● Git</li><li>● Github</li><li>● BitBucket</li></ul>

## Professional Experience

### Guidewire Software Software Developer

2022 – present

Guidewire provides industry-leading software for the global property and casualty insurance sector. I currently work here as a SEII in the Product Development team. Some highlights so far include:

- Led the upgrade of our self-managed offering to Webpack 5, marking my first independent project.
- Security Champion for both self-managed and cloud products, leveraging RiskSense for monitoring, assessing, and remediation of vulnerabilities in third-party libraries.
- Remediation of penetration tests to implement security fixes across codebases.
- Complete overhaul of security documentation, streamlining processes for future Security Champions.
- Currently working on customer experiences for our Jutro Digital Platform where the main bulk of my work is on our wizard for insurance LOB flows.

Other work/experiences at Guidewire include:

- Support rotation
- Automated Testing
- Managing AWS Console
- Reviewing Pull Requests
- Documentation
- CI/CD pipelines

**Beijing Contemporary Music Academy**  
Teacher

2013 – 2018

Third level arts college in Beijing. One of the biggest in China. Very proud to have gotten this job in my early 20s. Such a fantastic opportunity.

**Ala House**  
Musician

2014 – 2020

Ala house is a very exclusive music venue in Beijing, China. The clientele consisted of a lot of embassy workers, politicians, businessmen, and celebrities.

## Open Source

### Codú

Codú is an Irish web developer community that supports open-source collaboration and learning. I joined the community to explore and contribute to the site as it was utilizing Next.js, a technology I'm passionate about but hadn't worked with professionally. Highlights include:

- Developed shortcuts and optimizations for the markdown editor and am helping with the transition towards integrating a rich text editor.
- Implemented a prompt service to intercept route changes and alert users of unsaved changes in their posts.

## Education and Training

**2021-2022** Code institute - Full Stack software diploma specializing in e-commerce applications

<b>2021</b>	Ecollege	Microsoft Technology Associate Python
<b>2021</b>	Kildare/Wicklow ETB	Microsoft Technology Associate HTML/CSS
<b>2021</b>	Kildare/Wicklow ETB	Microsoft Technology Associate JavaScript
<b>2006-2010</b>	Newpark Music Center - BA in Music Performance	
<b>2012</b>	Beijing Language Link - CELTA	

## Other

- I am an avid Board Gamer and enjoy puzzles.
- Speak Mandarin

References are available upon request.