



# Nur Fatin

## Experienced Full-Stack Developer with Expertise in GIS Solutions

Results-driven developer with nearly 3 years of expertise in building scalable systems using Django, Laravel, Angular, and Ionic. Recently expanded into the GIS ecosystem, utilizing open-source technologies such as GeoNode, GeoServer, PostGIS, and MapStore to maintain the MyMAPS geospatial sharing platform. Delivered impactful solutions for government agencies through projects like STAPS, MyiFOS, and SPDNS, streamlining operations and enhancing geospatial data accessibility. Actively seeking part-time remote opportunities to apply my technical and problem-solving skills in creating innovative and efficient solutions.

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## WORK EXPERIENCE

### Software Developer Plisca (M) Sdn. Bhd.

09/2022 - 11/2024

Malaysia

#### Achievements/Tasks

- Collaborated with cross-functional teams, including project managers, software engineers, and clients, to design and implement software solutions tailored to user requirements.
- Spearheaded maintenance and optimization of geospatial platforms using open-source GIS tools such as GeoNode, GeoServer, PostGIS, and MapStore.
- Delivered technical support and enhancements for existing systems, resulting in improved performance and user satisfaction.
- Developed scalable back-end systems using Django and Laravel, and dynamic front-end interfaces with Angular and Ionic.
- Utilized databases such as PostgreSQL and SQL to manage and process large datasets effectively.
- Conducted system integration, user acceptance testing (UAT), and technical documentation to ensure high-quality project delivery.

### Industrial Training – Software Developer Plisca (M) Sdn. Bhd.

04/2022 - 08/2022

Malaysia

#### Achievements/Tasks

- Built a Human Resource Management System using Laravel, PHP, CSS, Bootstrap, JavaScript, and HTML, improving HR workflow efficiency.
- Gained practical experience in building web applications, from database design and migrations to deploying dynamic web pages using MVC architecture.
- Designed and implemented CRUD functionalities for managing employee data and system user roles, achieving seamless database operations.

## EDUCATION

### Bachelor of Arts in Economics and Social Studies (Major in Business Studies and Economics)

The University of Manchester, UK

09/2014 - 06/2017

Manchester

#### Leadership Award

- Earned a Bronze Award in The Manchester Leadership Programme for community and leadership contributions (2016).

## TECHNICAL SKILLS

Python PHP HTML, CSS, JavaScript, TypeScript

Django Angular Ionic Laravel

PostgreSQL SQL PostGIS GeoNode

GeoServer MapStore Git JIRA

## CERTIFICATES

### Programming for Everybody: Getting Started with Python (06/2021)

Issued by University of Michigan

### Introduction to Python: Absolute Beginner (12/2021)

Issued by Microsoft

### Logic and Computational Thinking (12/2021)

Issued by Microsoft

### Learn to Program in Java (12/2021)

Issued by Microsoft

### Object-Oriented Programming in Java (12/2021)

Issued by Microsoft

### 100 Days of Code: The Complete Python Pro Bootcamp (05/2022)

Issued by Udemy

### Angular Essentials (Angular 2+ with TypeScript) (10/2022)

Issued by Udemy

### Python Django – The Practical Guide (05/2023)

Issued by Udemy

### Ionic - Build iOS, Android & Web Apps with Ionic & Angular (08/2024)

Issued by Udemy

### Crafting Prompts for ChatGPT (Prompt Engineering) (11/2024)

Issued by HRD Corp

### Go Think Big App Hackathon (09/2017)

Issued by STEMettes in Hoxton, London

### Python Mega Course : Go Beginner to Expert in Python3 (01/2025)

Issued by Udemy