

# Full-stack Software Developer

## Fei Gu

☎ +45 52000668 — ✉ evensnachi1@gmail.com — 🔗 <https://www.linkedin.com/in/fei-gu-cs> — 🐙 <https://github.com/feix0033>

**About Me** — I'm a passionate and versatile full-stack developer with a strong focus on building innovative features and seamless user experiences. I thrive on creating systems that not only meet but exceed client expectations. Starting my journey with Angular, Java, C#, React, Golang, and DevOps, I have continuously expanded my expertise by learning new technologies along the way. My diverse experience has sharpened my results-driven mindset and dedication to delivering successful projects.

Currently, I'm living in Odense, but I'm eager to relocate for the right opportunity.

## Skills

- **Backend Development:**
  - **C# / .NET / Entity Framework:** Building adaptable backend services with clean architecture.
  - **Golang / GORM / GIN:** Creating simple, scalable backend services for microservices architecture.
  - **Clean Architecture (Onion / Hexagonal):** Experience implementing scalable and maintainable architectures.
- **Frontend Development:**
  - **HTML / CSS / SASS / Tailwindcss:** Strong foundation and adherence to best practices.
  - **React / NextJS / Redux / React Router:** Designing user-friendly and dynamic UI components.
  - **JavaScript / Node.js:** Experience with vanilla JavaScript in real-world projects.
  - **HOC / Functional Programming / OOP:** Practical understanding and application in real scenarios.
- **Databases (MSSQL, MySQL, PostgreSQL, SQLite):** Designing, maintaining, and migrating databases.
- **API Development (RESTful API / GraphQL):** Selecting and implementing APIs based on project needs.
- **Git / GitHub:** Proficient in using Git CLI commands and managing repositories on GitHub.
- **Branching Strategy:** Designing and implementing strategies for different team sizes.
- **CI/CD (Jenkins, GitHub Actions):** Automating workflows and ensuring continuous integration/deployment.
- **Docker:** Building and deploying distributed systems and microservices.
- **Distributed Systems / Microservices:** Practical implementation in production environments.
- **IoT Communication (MQTT / WebRTC):** Implementing real-time communication for IoT devices.

## Experiences

### BifrostConnect Aps.

Software Developer

Aug 2023 – present

København, Denmark

#### React web application

- Participate with the team to develop and implement the new features, including the UI/UX improvement.
- Implement the ESLint/Prettier for the code style and auto-formatting.
- Implement the unit test framework such as Jest and prepare for the continuing test implementation.

#### Vanilla JS web application

- The multiple legacy issue analysis and the bug fix.
- Design and development of the new feature.
- Documenting the issues and the development log.

#### Golang program

- Web API design and the endpoint implementation using the Gin framework.
- Database API design and query implementation to operate the database using GORM.
- The OOP implementation and software architecture design for the Golang program.

Education

Professional Bachelor in Software Development(On going)

Erhvervsakademi Syd Vest (EASV)

2025 Jan - percent

Esbjerg, Denmark

- A Top-Up program in 1.5 years with 3 semesters.
- Be able to participate in development of high-quality large scale, data heavy, distributed systems.

Course

- |                                |   |
|--------------------------------|---|
| - Databases for Developers     | Large databases design, maintain, migration, distribution, and optimization |
| - System Integration           | Microservices using docker and kubernetes, API design, and implementation   |
| - Development of Large Systems | Large scale system design, development, and maintenance                     |
| - Software Quality             | Software quality assurance, testing, and deployment                         |
| - Secure Software Development  | Secure software development, OWASP top 10, security testing                 |
| - Machine Learning             | Machine learning, data analysis, and visualization                          |

Tools

- Angular, C#, dotNET, MSSQL, Docker, k8s, GitHub Action, etc

AP degree in Computer Science

Erhvervsakademi Syd Vest (EASV)

2020 - 2023

Esbjerg, Denmark

- A further training course for 2.5 years with five semesters.
- Cultivate the ability to develop, update, and maintain software and IT systems and to work with general computer issues.

Course

- |                          |  |
|--------------------------|--|
| - Software design        | Require analysis, Design process(Alige), Design Principles                         |
| - Software construction  | Programming language, Verification, Unit testing, Integration testing              |
| - Database system        | Database principle, Database design(ERD), MySQL                                    |
| - Full Stack development | Distribution system, Cloud server  |
| - DevOps                 | Branch strategies, Docker, Jenkins, Feature gate, CI/CD pipeline, Software Testing |
| - IOT                    | Fundamentals of Electric Circuits, Embedded system programming, MQTT               |
| - Network                | Network principles, Network setting up practise                                    |

Tools

- Angular, ExpressJS, JAVA, C#, dotNET, MSSQL, Docker, Jenkins, Git, Swagger

Language

