Fei Gu

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Dear Rune:

I'm delighted to write this letter to you. Since I learned about Ephort and was inspired by its website, I have been enthusiastic about applying for a position there to further my career and expand my knowledge.

From the content on Ephort's homepage, Ephort shows a friendly and enjoyable company culture between the lines. And display the purpose of delivering exceptional products to customers. Ephort's culture and environment are extremely attractive to developers. The name Kristian, the senior developer, is mentioned in many customer quotes, which impresses me.

Ephort always embraces new technology and devotes itself to improving and implementing it with innovation. As presenters, organizers, and participants engage in tech meetups (Laravel EU) and hold development days(hackathons), all those events interest me. Like Ephort, I'm especially interested in back-end development, although my main area is front-end development. I want to be part of this process and reach the team and personal goals with Ephort's culture and environment.

Ephort's commitment to innovation and technology aligns perfectly with the skills and knowledge I have developed through my education and practical experience in software development.

My educational background at Business Academy Southwest gave me a comprehensive understanding of software development principles, including web development, software design, and DevOps. I strongly advocate for TDD and CI/CD, having implemented these practices comprehensively throughout my academic projects, utilizing tools like Jenkins and Docker. I am also passionate about modular design principles and clean code(especially the onion architecture and dependency injection), ensuring code is readable, reusable, and adaptable.

After completing my education, I joined Bifrostconnect, where I had a chance to work on real projects and gain hands-on experience. I am improving user experience and efficiency in development with the new knowledge in React and Golang. My responsibilities bridged both front-end and back-end development, which fostered a well-rounded skill set. I developed and refined core features and collaborated with my team to contribute ideas and solutions. I initiated the creation of a code style guide and set up a testing framework for front-end development, enhancing code quality and maintainability. I contributed to the release process by drafting strategies based on our branching and environment setups. This experience enhanced my knowledge of the software development lifecycle and developed my skills in version control with Git and GitHub.

Based on my educational background and on-field experience, I can handle full-stack development across the entire software development lifecycle. I have an extensive vision of software construction to offer to Ephort's application development project. Specifically, I can explore the software development project on React/Angular projects corresponding with the JAVA/C#/Golang-based server. I know how to design the database and implement specific usage. I can offer an effective distribution system to meet customer needs. I can also provide the branch strategy design and the CI/CD pipeline design to help implement the DevOps procedures successfully.

In my life, I believe that continuous learning and critical thinking keep the mind active. Organizing, analyzing, and optimizing processes can lead to significant improvements in various aspects of life. In my free time, I explore technologies that are outside my work scope, such as Vim, Vite, LaTeX, and R . I'm also starting to learn Vue.js. Additionally, I have taken up skateboarding occasionally and enjoy playing basketball, even though I'm not tall. Earlier this year, I participated in a 5 km DHL race. :D I am married and live in Odense SØ. While we don't have any children, we have a cat, which is another lovely story!

Thank you for taking the time to read this letter. I would appreciate the opportunity to have a face-to-face conversation. I believe it could help us connect on a deeper level and address any concerns more effectively.

Sincerely,
Fei Gu
December 2, 2024

Junior Software Developer
Fei Gu

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About Me — I'm a passionate, versatile, full-stack developer who loves building innovative features and crafting user-friendly interfaces. I thrive on creating systems that meet and exceed client expectations. Starting my journey with React, Golang, Java, C#, and DevOps, I've kept growing by learning new languages and tools along the way. My diverse experience has honed my results-driven mindset and dedication to delivering successful projects. I'm excited to bring my skills and energy to a dynamic new role where I can make a real impact.

Skills

Front-end

- *HTML/CSS*
- *JS/TS*
- *React*
- *Angular*

Back-end

- *Java*
- *C#*
- *Golang*
- *RESTful API*

DevOps

- *Branch Stratagy*
- *CI/CD pipeline*
- *Jinkins*
- *Docker*
- *Github Actions*

Database

- *SQL*
- *MySQL*
- *Postgresql*
- *SQLite*
- *Firestore*

* The progress bar is a rough estimate of my proficiency in each skill.
* The skills mentioned also included the ecosystems related to those skills.

Experiences

BifrostConnect Aps.   **Aug 2023 – persent**
Junior Software Developer   *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 GROM.
- The OOP implementation and software architecture design for the Golang program.

Bluefin Copenhagen ApS / Bluefin Sushi ApS   **2018 – 2022**
Restaurant manager   *Odense, Denmark*

- Daily operation design and implementation, hygiene check, and regular work process improvement.
- Employee management, such as designing working schedules and employee performance support.
- Customer service, customer issues resolve.

Education

AP degree in Computer Science   **2020 - 2023**
Erhvervsakademi Syd Vest (EASV)   *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

Language

English: Proficient   Danish: Intermediate   Chinese: Native

Passions

VIM   LATEX   LINUX   TDD   PUZZLES   MATHMATIC   SUDUKU

Spare time

| Basketball | Biking | Cooking | Music | Movies | Pets |