During my years working as a software developer, I primarily focused on the development side of the team, concentrating on creating features for products. Consequently, I specialized in backend development, particularly utilizing Node.js and Python. Additionally, I occasionally developed frontend components using JavaScript technologies such as React.js. I created chat platforms for user communication using socket.io. I designed the user navigation system for a large-scale application starting from developing its architecture to its conclusion, enabling users to visit different locations for radon gas detection. I also developed and architectured a platform to control and manage IoT devices, integrating new devices into the system.

While I excelled in development and understood the high-level system architecture, I developed a keen interest in the DevOps aspect of the software, specifically in deploying applications to the cloud and understanding the scalability of applications. I delved into technologies like Docker, Kubernetes, and Terraform. Although I used Gitlab pipelines for deploying applications, I aimed to deepen my understanding of other concepts in this domain. These applications were built using Next.js and React.js and employed TypeScript as the programming language. In these projects, I actively participated in system design, gaining a comprehensive understanding of the complete software development lifecycle—from coding and testing to production.

Motivated to expand my knowledge, I pursued a master's in Security and Cloud Computing (SECCLO) at Aalto University and Technical University of Denmark (DTU). During the program, I learned to dockerize various applications using Docker, scale applications using Kubernetes for large-scale deployments, and consider approaches to securing applications based on current security research and domains. Furthering my practical experience, I interned at Ericsson, focusing on cloud technologies. At Ericsson, I contributed to monitoring CI, developed new features to enhance pod security standards, and improved the vulnerability facet of the platform through fuzzing.

Throughout my master's studies, I concentrated on designing and building scalable web applications. I developed a web application and improved its scalability using Minikube's auto-scaling feature Kubernetes pods and the Flask framework of Python. I also completed courses on full-stack web development, acquiring skills to build applications using React.js and Python (particularly Flask framework), and incorporating real-time features.

The primary appeal of this position lies in the opportunity to contribute as a backend developer in Node. js-based web projects related to making booking in groups accessible to everyone. I am eager to enhance my skills as a system designer and work with cutting-edge tools within the teams. Leveraging my expertise in developing scalable services, I aim to make your performance optimizations to your code base and make them scalable based on user needs. With a background in microservices architecture, I am confident in creating scalable and independent services, capable of scaling based on user needs. My system architectures and microservices courses provide a holistic understanding of software applications, making me well-suited for this role. My skill set aligns with your requirements, and I am enthusiastic about contributing to your team.