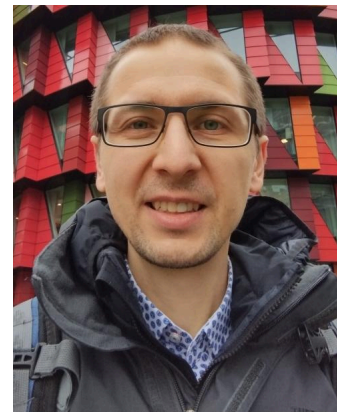


# Nasit Vurgun

Software Engineer

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## Work Experience

**08.23 – Teaching Assistant, University of Gothenburg, Gothenburg, Sweden**  
Teach software engineering at GU/Chalmers and supervise student software projects. Review code on GitLab. Provide feedback and supervision. Subjects taught include OOP, data structures and algorithms, software product lines, and systems development.

## Education

**08.22 – Software Engineering and Management Bachelor's Programme, University of Gothenburg, Gothenburg, Sweden**

Focus areas: Agile software development, project management, requirements engineering, architectural decisions, full-stack web development, distributed systems, embedded systems, software testing, deployment, and maintenance. Version control, documentation and traceability.

## Projects

### **Distributed Systems: ToothCheck App**

Modern dental appointment booking system built using microservices architecture. Fully dockerized. Independently deployable, modifiable, maintainable, fully scalable.

### **Full-Stack Web Development: LindholmenEats**

Beautiful and responsive restaurant ordering website built using Vue.js front-end, Express, Node.js backend and MongoDB. RESTful API tested with Postman.

### **Mobile Development: Weather App**

Cross-platform weather app built with Flutter (Dart) and OpenWeatherMap API. Uses geolocation and provides a weather forecast for the next 5 days.

### **Embedded Systems: DeskBuddy App**

Remote work companion that gives friendly notifications, reminders to stand up and stretch. Microcontroller programmed with C++. Fully customizable using Android App.

### **IOT Project: Stroller IoT**

Smart stroller that communicates with other friendly strollers via IR transmitter/receiver, Wi-Fi, and discord webhooks. Programmed in MicroPython. Supports MQTT and LoRa.


### **Java Programming: CAPTCHA Snake Game**

Solve CAPTCHA puzzles without changing keyboard language settings.




LinkedIn Profile

## Skills

 **Full-Stack Development:** HTML/CSS/JS, React, Vue, Node.js, Java, Python, Nginx


 **Mobile Development:** Android (Java/Kotlin), Flutter (Dart)


 **Database Management:** SQL/NoSQL, MongoDB, Firebase, PostgreSQL

 **Embedded Systems:** C, C++, MicroPython, Arduino, Raspberry Pi, MQTT, LoRa

 **Version Control:** Git, GitHub, GitLab

 **DevOps Tools:** CI/CD, Docker

 **Testing:** JUnit, Pytest, Postman

 **Cloud Platforms:** Azure, Google Cloud Platform



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