



Klaidi Gorishti

Senior Software Engineer

Software engineer focused on backend technologies, highly proficient in JavaScript and TypeScript. Frontend development is a direction I am currently investing on improving myself to broaden my skillset and expertise, with frameworks such as React. For me programming is like magic, it can improve people's lives and change the way how we interact with the world. Project highlights: iOS applications with Swift, machine learning solutions with Python & TensorFlow, open-source Precise UI, and Java applications.



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WORK EXPERIENCE

Senior Software Engineer ZEISS Digital Partners

01/2019 - Present

Munich, Germany

Achievements

- Designed and developed Node.js backend services as part of a micro-service architecture
- Implemented React.js micro-frontend applications
- Integrated various third-party systems: SAP, Marketo, Microsoft Power BI, movingimage, Flexera Licensing System, Zuora Subscription Engine, AWS
- Collaborated with the DevOps team to support the deployment of backend services and improve existing infrastructure

Tech Stack: TypeScript, JavaScript (ES6), React.js, Webpack, GraphQL, REST, Kubernetes, Docker, Scala, Swift, Microsoft Azure

Machine Learning Engineer - Master's Thesis ZEISS Group

04/2018 - 11/2018

Munich, Germany

Title: "An Audio-based Approach for Industrial Equipment Predictive Maintenance"

Achievements

- Architected and implemented a system to record and analyze audio data from industry equipment
- Created a PoC recording device for audio and acoustic vibrations
- Developed and trained anomaly detection and classification ML models to predict machine failures

Tech Stack: Python, TensorFlow, Keras, Docker

Product Owner FNT Software - Internship

10/2017 - 02/2018

Munich, Germany

Achievements

- Defined functional and non-functional requirements, created the problem statement, and supported the team with requirements elicitation
- Created and maintained the Product Backlog, defined and prioritized work items
- Applied Scrum Agile methodology for the project management

Tech Stack: Swift, Java, React.js



TECH SKILLS

- TypeScript
- JavaScript (ES6)
- React.js
- GraphQL
- Swift
- iOS
- Python
- TensorFlow
- Kubernetes
- Docker
- Scala
- Java
- Webpack
- MongoDB



PROFESSIONAL SKILLS

Project Management

Agile Development Methodologies, Scrum, Kanban

Industry Knowledge

Web Applications, iOS Development, Algorithms, Data Structures, Machine Learning, DevOps



SOFT SKILLS

- Communication & Interpersonal
- Collaboration
- Integrity
- Reliability
- Commitment
- Goal Oriented
- Organisation
- Open-mindedness
- Active Listening
- Problem-solving

WORK EXPERIENCE

Junior Software Engineer Motius GmbH – Part-time

09/2017 – 02/2018

Munich, Germany

Achievements

- Developed the server-side application for a house configurator product
- Designed and implemented the administrator user interface, which enabled house construction parameters and respective price configurations
- Integrated the house configurator into the existing web application of the business client
- Improved an iOS application by adding iOS 11 support, enhanced existing features, and improved the code base (i.e. code readability & documentation)

Tech Stack: Node.js, Express, MongoDB, Docker, Swift

Teaching Assistant – Software Engineering Essentials edX – Internship

09/2017 – 02/2018

Munich, Germany

Achievements

- Prepared learning content for agile methods, object-oriented programming & best practices of analysis, design, testing and management in SE
- Created presentations and video materials for "Agile Methods and Prototyping" and "Unified Modeling Language (UML)" topics
- Created quizzes and questions to evaluate students' gained knowledge

Tech Stack: edX Learning Platform, Java

Teaching Assistant – Swift Technical University of Munich – Internship

09/2017 – 10/2017

Munich, Germany

Achievements

- Organized and conducted the Swift introduction course for iPraktikum
- Prepared and gave a lecture regarding "Advanced Topics in Swift"

Tech Stack: Swift, iOS

iOS Developer ZEISS Industrial Metrology – Internship

04/2017 – 07/2017

Munich, Germany

Achievements

- Designed and developed an iOS application with Swift
- Implemented the server-side application using Node.js and setup MongoDB
- Supported the setup of continuous integration and continuous deployment

Tech Stack: Swift, iOS, Node.js, Express, MongoDB, Docker

EDUCATION

Master of Computer Science Technical University of Munich

10/2016 – 10/2018

Munich, Germany

Bachelor of Business Informatics University of Tirana

09/2013 – 08/2016

Tirana, Albania

LANGUAGES

English
Full Professional Proficiency

Albanian
Native or Bilingual Proficiency

Italian
Professional Working Proficiency

German
Elementary Proficiency

PUBLICATIONS

Research Paper

AudioForesight: A Process Model for Audio Predictive Maintenance in Industrial Environments

Author(s)

Dominic Henze; Klaidi Gorishti; Bernd Bruegge; Jan-Philipp Simen
19.12.2019
18th IEEE International Conference on Machine Learning and Applications

Research Paper

A Deceptive Access Control Mechanism for Sensitive-content Databases

Author(s)

Klaidi Gorishti; Edlira Martiri
18.06.2016
7th "Information Systems and Technology Innovations" International Conference

PERSONAL PROJECTS

Precise UI Open-source
(01/2021 – Present)

Heating System Recommender
(08/2021 – 10/2021)

Flow Blockchain Service
(07/2021 – 08/2021)

Smart Cities: Traffic Monitoring System
(11/2017 – 01/2018)

Website Development
(01/2014 – 09/2017)

Logo Design
(03/2015 – 07/2017)