



# VLAD GEORGE STAN

## SOFTWARE ENGINEER

### CONTACT

☎ +31 659 676 001

✉ g.v.stan@proton.me

📍 Amsterdam, NL

### EDUCATION

2013 - 2016

UVA/VU AMSTERDAM

- Joint Master of Computer Science - AI specialization

2009 - 2013

UNIVERSITY OF WISCONSIN

- Bachelor and Master of Computer Science
- GPA: 3.4 / 4.0

### SKILLS

- Java: Spring Boot, Quarkus
- JavaScript: Node.js, React, Svelte
- TypeScript: Angular, NestJS
- Python: Django, Flask, PyTorch, TensorFlow
- Flutter: Dart
- AWS, Azure, GCP, Jupyter
- Docker, Kubernetes
- Collaboration, Communication, and Strategic Thinking

### LANGUAGES

- English (Fluent)
- Dutch (Fluent)
- Spanish (Fluent)
- Italian (Fluent)
- German (Intermediate)

### PROFILE

I am a Software and AI Engineer with a deep passion for creating robust, reliable software and unlocking the potential of machine learning. I am especially driven by projects that deliver meaningful impact to communities globally, particularly in areas like sustainability and human rights. I thrive in collaborative environments, working alongside equally passionate teams to bring projects to completion and help purpose-driven businesses achieve their goals.

### WORK EXPERIENCE

#### Sunvigo GmbH

2022 - 2024

Front-End and Back-End Software Engineer

- Developed new internal systems and customer-facing iOS/Android apps for a German solar energy company.
- Created software solutions that optimized operations and product team workflows, reducing customer processing time by 70-80% and significantly boosting efficiency.
- Automated the centralization of inverter data from multiple manufacturers using Python and InfluxDB, improving data integration and workflow efficiency.

#### Vuvuu Software

2014 - Present

Freelance Software and AI Engineer

- Successfully delivered a diverse range of small to medium-sized software projects for various companies, with a focus on full-stack development and machine learning solutions.
- Developed customized software solutions for Android, iOS, and web platforms using frameworks such as ReactJS, AngularJS, and Flutter.
- Quickly adapted and learned a variety of frameworks across multiple programming languages to creatively tackle complex problems and develop novel solutions.
- Ensured a balance of innovation and efficiency in all projects, empowering clients to achieve their technical and business goals.

#### VU Amsterdam / Bolesian / W4RA

2019 - 2022

AI Engineer

- Developed an open-source software platform designed to collect speech data and facilitate the learning of rare languages using advanced machine learning models.
- Led the creation of customizable speech recognition systems, free of charge, for any language with a limited vocabulary.

# WORK EXPERIENCE

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- Applied the system to successfully learn and implement the Twi language, spoken in Ghana.
- Tailored platform for use in community services and educational systems, promoting accessibility and language preservation.
- Contributed to a machine learning project that utilized imaging technologies to detect road damage in the Netherlands through camera-based systems.

## Vrije Universiteit Amsterdam

2019 - 2022

Lecturer and Evaluator in Master's courses

- Delivered lectures in Master's degree courses, created assignments, and evaluated student performance.
- Developed course materials designed to be clear, accessible, and inclusive, ensuring all students could engage effectively, regardless of their background.

## Fawaka Ondernemersschool

2018 - 2024

Programming Teacher in Amsterdam Middleschools

- Taught computer programming to students from disadvantaged schools in the Amsterdam metropolitan area.
- Utilized Arduino and Microbit-based robots, allowing students to build with components like sensors, lights, and wheels.
- Guided students in programming the robots to perform various functions, fostering creativity while introducing foundational programming concepts.

## Bizboard

2016 - 2018

Front-End and Back-End Software Engineer

- Developed cross-platform applications for iOS, Android, desktop OS, and web browsers using frameworks such as React Native and Node.js.
- Led both front-end and back-end development efforts to create tailored solutions for diverse client needs.

## Atlassian

2013 - 2016

Front-End and Back-End Software Engineer

- Contributed to the development of new features for Atlassian JIRA as part of the Amsterdam development team, enhancing a widely-used platform for global companies and the Atlassian support team.
- Collaborated within an agile team on highly integrated software suites, including Confluence, JIRA, Bamboo, Bitbucket, HipChat, Stash, JIRA Agile, JIRA Capture, and JIRA Service Desk.

# REFERENCE

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## Leonie Eigenbrodt

Head of Product Development

Phone: +49 172 5678848

Email: leonie.eigenbrodt@sunvigo.de

## Mehdi Bamou

Head of Technology

Phone: +49 173 4073886

Email: mehdi.bamou@sunvigo.de