Alessandro Aime

www.alessandroaime.com • alessandro@alessandroaime.com • +358 407581200
Annankatu 31-33 C 38, 00100 Helsinki, Finland

Summary

Software engineer with an analytical and hands-on business mindset. I craft tailored solutions to help people and businesses simplify their operations and achieve their goals.

My main professional interest is to work on complicated and engaging problems that can have a positive impact. My primary domain knowledge areas are mobile development and managing software engineering teams; I also have experience in backend development, data science and bridging the gap between engineers and business stakeholders. I enjoy automating processes to increase efficiency and focus on what matters to me: delivering qualitative results and meaningful solutions that can help people.

Reliable when under pressure and capable to work hard both alone and in a team. Shaped by years of high level competitions in triathlon as well as having been part of extreme expeditions through deserts and alpine environments. Willing to mature professionally while making the most out of the surrounding nature. Passionate about climbing, sailing, classical music, chess and mathematics.

Experience

Oura   HELSINKI, FINLAND

Technical Program Manager   *Sep 2022 – present*

Automating and standardising release processes across teams. Cooperating with engineers and business stakeholders by bridging the technical gap. Contributing in optimising the engineering organisation and operations, as well as QMS and other regulatory processes.

Software Engineer, Mobile Development   *May 2021 – Sep 2022*

Worked in the Health team, making accurate health information personal and accessible to everyone by combining advanced sensor technology and unobtrusive design, and delivering precise and critical insights to help people build good habits and harness their body potential. Contributed in building Period Prediction and other reproductive-oriented features. Mainly using Swift for iOS development, Python for data analysis.

Nightingale Health   HELSINKI, FINLAND

Software Engineer, Mobile and Backend Development   *Feb 2020 – May 2021*

Worked on My Nightingale, providing personalised and comprehensive health data based on blood results to show how lifestyle choices affect health and to contribute solving chronic diseases. Mainly used React Native for mobile development, backend development with TypeScript, AWS and GraphQL.

Codemate   HELSINKI, FINLAND

Software Engineer, Mobile Development and Data Analysis   *Jan 2018 – Feb 2020*

Worked on a wide array of projects as software engineer and solution architect, from big teams solving highly-technical problems to solo developer. Helped clients to grow technologically and financially by providing business insights based on data analysis and user feedback. Mainly used Swift for iOS development and Flutter/Dart on multi-platform projects, backend development with JavaScript and Docker, data analysis with Python.

Please refer to my LinkedIn profile for a more complete list of work experiences and recommendations.

Education

Aalto University   HELSINKI, FINLAND

Exchange Study Program, Software Engineering and Mobile Development   *Aug 2017 – Dec 2017*

Focused on mobile development, software engineering specific domain knowledge and data management. Attended extra-curricular courses in business administration and economics.

University of Milan   MILAN, ITALY
Bachelor of Science, Computer Science   *Aug 2015 – Jan 2018*
    Main interests in formal methods, discrete mathematics, procedural and object oriented programming.
    Built the curricula to maximise exposure on the different areas of computer science and software
    engineering.

University of Milan   MILAN, ITALY
Bachelor of Science, Food Science and Technology   *Aug 2013 – Jul 2015*
    Concentrated my studies in biology, chemistry and human nutrition. Attended extra-curricular courses
    on endurance sports physiology and biomechanics. During the second year I decided to pursue my
    interests in mathematics and computer science rather than a career as nutritionist.

Personal projects

homebridge-ueboom
gatttool, bash, JavaScript
    Homebridge plugin to remotely control Ultimate Ears bluetooth speakers. Allows to turn on the
    speaker from the HomeKit app, include it into scenes and automations. Used by more than 2000 users
    on a daily basis.

Keltapyörä
iOS, Swift, Xcode
    iOS app for Helsinki public bikes. Allows to search for available bikes or parking spots, start the timer
    and get notified when time is running out. The app uses open data provided by HSL and is available
    in English, Swedish and Finnish. Used by hundreds of people on a daily basis.

FairMate
iOS, Android, Flutter, Dart, Fastlane
    Multi-platform (iOS/Android) app to help students during recruitment events. An idea of mine,
    developed in collaboration with Codemate and Aalto University. Selected as the official app for the
    2018 Aalto TalentIT Fair.

Please refer to my GitHub profile for a more complete list of projects and open-source contributions.

Skills

Technical expertise: Able to architect and implement software solutions, alone or as part of a team. Strongly
    supporting continuous delivery, lean methodologies, testing and version control (Git). Experienced in
    iOS (Swift, Xcode, Fastlane) and multi-platform development (Flutter, Dart, React Native). I also enjoy
    writing with Bash, C, Python and more. Always looking to automate processes and reverse engineer
    things.

Natural languages: Italian (*mother tongue*), English (*bilingual proficiency*), Spanish (*limited working proficiency*),
    Swedish (*elementary proficiency*).

Interests

Non-exhaustive and in alphabetical order: alpinism, art, behavioural economics, chess, classic menswear,
    classical music, climbing, finance, free diving, hacking, mathematics, mechanical watches, opera singing,
    psychology, reverse engineering, sailing, social engineering, statistics, tennis, triathlon.