James Bryan Graves

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born: 1978, United States of America

- Executive, manager & team lead @ SMEs & startups
- Budgeting, planning & execution projects >2mil EUR
- Software architecture & engineering

EXPERIENCE

Technology Lead (interim CTO), Senior SDE — Jul. 2023 – Present
Dream Machine Innovations Inc., More to*, moreto.io — New York, New York, USA, REMOTE
- Prompt engineering, integration and content creation with Gen AI (OpenAI GPT-4)
- REST API using Python, PostgresSQL
- Apple iOS app in Swift/SwiftUI

Co-founder, CTO, Technology Lead, Senior SDE — Oct. 2020 – March 2023
THE EMBASSIES of Good Living AG, embassies.com — Zürich, Switzerland, REMOTE
- Intent based iOS app in Swift with Apple Watch & Homepod/Siri support
- REST API using Typescript, Node.js, GraphQL

Researcher, Senior SDE — Oct. 2015 – Oct. 2020
Hubzero, Purdue University, UCSD, San Diego Supercomputer Center (SDSC), hubzero.org — San Diego, CA, REMOTE
- JVM based microservices in Clojure & Java
- Frontend applications in Clojurescript (CLJS), Re-frame, React, D3
- MySQL, RabbitMQ, Apache Solr, Docker
- Published 2 academic papers, multi-conference speaker

Technology Lead, Senior SDE — May 2013 – Oct. 2015
Qardio, Inc., qardio.com — San Francisco, CA & Amsterdam, The Netherlands
- Apple iOS app in Swift/Objective-C for Bluetooth connected consumer health devices
- REST API, PHP
- AWS, Docker, PostgreSQL, Embedded C
- Wrote approved United States FDA (Food & Drug Administration) application & specifications

Co-founder, CTO, Senior SDE — May 2011 – May. 2013
Ideedock — Amsterdam, The Netherlands
- Developed REST API in Javascript/Node.js
- Backbone.js based MVC frontend
- Technologies including AWS, MongoDB

More experience available on request, or @ jamesbryangraves.com . . .

SDE — May 2000 – Oct. 2000
IBM — Burlington, VT
- C++ & Java based test evaluation platform with UI for silicon waffer test results
- IBM Websphere Application Server, DB2

EDUCATION

Purdue University — West Lafayette, IN, USA
Bachelor of Science in Computer Science, BSCS, Music Theory Minor — Aug. 1996 – May 2000

TECHNICAL SKILLS

Languages: Java, Clojure, Python, C/C++, .NET/C#, SQL, GraphQL, JavaScript, Swift, Objective C, . . .
Frameworks: React, Vue, Next/Nuxt, Node.js, Apple Developer, Django, Rails . . .
Developer Tools: Git, Docker, Google Cloud Platform, AWS, VS Code, Visual Studio, IntelliJ, Eclipse, . . .