

# David Moksha

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Seeking a full-time opportunity in Software Engineering

## Strengths

- 🌀 **Team building:** skilled at recognizing people's talents, and nurturing them to grow
- 🌀 **Collaborative design and decision making:** good listener, effective discussion leader
- 🌀 **Communication:** ability to fluidly communicate complex topics with technical and non-technical people
- 🌀 **Balance:** keep a genuine smile while enthusiastically producing exceptional products

## Languages and Tools

- 🌀 **Object-Oriented Programming (Pascal):** 8+ years extensive experience in Object Modeling, Polymorphism, Interfaces, Generics/Templates, and other features shared by powerful OOP languages
- 🌀 **Git:** 8+ years for source code management, personal and professional
- 🌀 **Python:** 3 years for personal projects; passed numerous interview challenges using Python
- 🌀 **Bash, Linux:** 8+ years experience as SysAdmin for 5-10 installations
- 🌀 **PHP, HTML, CSS:** 20+ projects, ranging from adding components to building entire sites
- 🌀 **MySQL:** designed and implemented databases for professional and personal projects
- 🌀 **Javascript:** wrote custom functions and debugged template functions, including jQuery, AJAX
- 🌀 **C:** experience customizing existing Open Source projects and studying code written in C
- 🌀 **GitLab, JIRA:** Trained and comfortable

## Experience

*AngelBase ~ Los Angeles ~ Software engineer ~ Sep 2008 – Mar 2017*

- 🌀 Managed software development life cycle
  - 🌀 Led requirements, architecture and design meetings
  - 🌀 Led code reviews
  - 🌀 Implemented Git and GitLab for version control and issue tracking
- 🌀 Managed and implemented transition from command-line to GUI application
  - 🌀 Led design and implementation of lattice-centric diagram editor
  - 🌀 Integrated widget set (fpGUI) and Anti-Grain Geometry framework (AGGPas) for rendering
  - 🌀 Built OOP Interfaces for modular design, enabling support for alternate front-ends
- 🌀 Managed and built back-end data storage system and API
  - 🌀 Implemented efficient data types, tripling execution speed
  - 🌀 Developed standardized calls to data store, improving coding efficiency and ease of maintenance
  - 🌀 Used *sed* scripting to programmatically refactor existing codebase to conform to new API
  - 🌀 Championed and implemented modular data storage design. Board members agreed that the result will facilitate important business opportunities
- 🌀 Responsible for Corporate Accounting: created and maintained ledgers for several corporate entities

## Interests

Information Security, Accounting, Law, Economics, Bicycling, Meditation and Yoga, Dancing, Classical Guitar, Choral Singing, Vedic Chanting, Camping, Cooking, and Teaching of all sorts

## Education

Bachelor of Science in Physics, UCLA, 2001