**MICHAEL PERMANA**

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**EXPERIENCE**

**11/2012-now Senior Software Engineer, snaplogic.com, San Mateo**

Build the whole single page application for administering snaplogic system. Mongodb, python, backbone, jquery.

**3/2012-10/2012 Senior Software Engineer, cloudwords.com, San Francisco**

Worked as 3rd developer in startup environment doing everything from build,front-end javascript,html,css to back-end services,DAO,SQL. Implementing features such as scheduled email/web application notifications, settings page, user management, project management. Technology used: spring, ibatis, jQuery, backbone, underscore, lightbox, gradle, json.

**4/2007-2/2012 Senior Software Engineer, paypal.com, San Jose**

Worked in payment team as developer, maintaining existing payment system, refactoring payment code into services, changing payment transaction to use payment id for idempotency. Provide API services to other teams. Java, SQL, Eclipse. Dev lead on upgrade infrastructure effort for all paypal code for xerces in redhat and gcc. Developer for payment workflow engine, providing API calls, backend services, packaging and deployment.

**10/2004-4/2007 Senior Software Engineer, Siebel.com/oracle.com, San Mateo**

Developer for Analytics Server group. Worked with Java, ODBC, JDBC, Eclipse. The products developed runs on Linux,Windows,SunOS,HPUX and AIX, 32-bit and 64-bit platforms. Developer for Oracle BI EE Server,Scheduler,Cluster Controller. Responsible for server infrastructure threading library, rpc communications, high availability code, jdbc driver, schedule SWT client application.

**8/2001–10/2004 Software Engineer, actuate.com, South San Francisco**

Developer for Actuate’s eReport Server. Worked with C++,Java,JSP,Eclipse, struts, SOAP, WSDL. The products developed runs on Linux,Windows,SunOS,HPUX and AIX. Written HTTP SOAP server. Implemented actuate server API both for client and server. Written ActivePortal (Actuate's J2EE web application). Stress test multithreaded clustered server on multiple platform, fix bugs until they don't crash and runs with thousands of users for a long time.

**1/2001-3/2001 Software Engineer, Trilogy, Austin, TX**

J2EE,Java,JSP,Servlet,XML,JDBC,Swing

**5/2000-7/2000 Software Engineer, Hewlett Packard, Palo Alto, CA**

Written LDAP integrated SMTP client/server for sending email

**12/1998-5/1999 Software Engineer, Pervasive Software, Austin, TX**

MFC client application

**5/1998-8/1998 Software Engineer, Focus System, Austin, TX**

Web Crawler

**EDUCATION**

Master of Sciences, Computer Sciences, University of Texas at Austin, 2000, GPA: 3.8/4.0

Bachelor of Sciences, Computer Sciences, University of Texas at Austin, 1999, GPA: 3.7/4.0

**PAST PERSONAL PROJECTS**

Mobile app for sharing your location: <https://taru.zeeses.com/map/meetup.html>

Found critical bug on AXIS library that only happens on high concurrent situation, and suggested the fix: <https://issues.apache.org/jira/browse/AXIS-1183> (2003) \* Index web pages into dictionary and sparse matrix to represent pages, assign values to pages bases on statistics like website visits, enable query on it and order result on page value (2000, graduate class work) \* SQL Engine with Join Order Optimization in Java (2000, graduate class work) \* Optimizing Pascal Compiler for IBM RS/6000 (1999, class work) \* Parallel Sorting algorithm in SMP machines (1999, class work) \* Othello (Win32 GUI) game with Artificial Intelligence (min-max algorithm) (1999, self interest)

**AWARDS/ACHIEVEMENTS**

\* ACM Regional Programming Contest 1999, 1st place, <http://www.cs.utexas.edu/users/chris/sigcomm/> \* ACM International Collegiate Programming Contest 1998, Georgia, Atlanta, 17th place in the world, <http://acm.baylor.edu/past/icpc98/Finals/Report/Standings.htm> \* ACM Regional Programming Contest 1997, 2nd place \* ACM Regional Programming Contest 1996 \* International Olympiad in Informatics 1996, Hungary, <http://ioinformatics.org/locations/ioi96/results.shtml> \* Graduated with Honors and Special Honors in Computer Sciences \* University Honor List

**COURSES TAKEN**

\* M101P: MongoDB for Developers, a course of study offered by 10gen, The MongoDB Company (<https://s3.amazonaws.com/edu-cert.10gen.com/downloads/01f75dccaf784c02af11a2fc97455fe4/Certificate.pdf>)

\* Graduate Courses: Large Scale Data Mining, Database Implementation,Communication Networks, Parallel Techniques for Numerical Algorithms,Mathematical Methods in Computer Graphics, Object Orientation & Concurrency, High Performance Graphics Modeling and Visualization.

\* Undergraduate Courses: Compilers, Computer Networks, Data Management, Operating Systems, Real Time System, Artificial Intelligence, System Modeling, Algorithm Design & Analysis, Numerical Analysis, Computer Architecture, Software Engineering, Programming Languages, Analysis of Programs, Abstract Data Types/Data Structures, Undergraduate Readings and Research, Computer Sciences Honors Course.