

MOHAMED SAKEEB SABAKKA

3501 Saint Paul St. , Apt 1019, Baltimore MD 21218

224 725-3370 • s a k e e b { a t } c s { d o t } j h u { d o t } e d u • <http://cs.jhu.edu/~sakeeb>

EDUCATION

The Johns Hopkins University Baltimore, MD, U.S.A. • Masters in Computer Sci., 2009-Present

Courses: Analysis of Algorithms · Declarative Methods · Programming Languages · Distributed Systems · Object Oriented Software Engineering · Database Systems · Computer Graphics · Information Retrieval and Web Agents · Pattern Matching Algorithms · Parallel Programming

Government Engineering College Thrissur, Kerala - 680 009, India. • B.Tech in Computer Sci., 1999-2003

Courses: Data-structures · Computer Architecture · Computer Networks · Microprocessors · Theory of Computation · Compiler Construction · Operating Systems · System Software · Artificial Intelligence

WORK HISTORY

Bloomberg L.P (2010 Jun - 2010 Aug)

Financial Software Developer Intern

- Revamping the design and UI of the ticket attribute management tool

Hewlett-Packard - Technology Services Group (2004 Oct - 2009 Aug)

Software Engineer

- Requirements gatherings for HP-UX audit log management software
- Design of HP-UX RBAC based keystroke logging for network services
- Prototyping of Log correlation engine using Semantic Web Technologies
- Development of HP-UX Audit Reporting software
- Development of HP-UX Audit pre-filtering tool
- Prototyping of Highly Available Light weight Virtualization solutions.
- Component Development of online data migrator for NAS shares.
- Conducting training for Field and Customer support Engineers.
- Field Engagements to help customers to migrate to latest HP platforms
- Porting of open source VoIP software (SipX) to HP-UX
- CPE of various internet services utilities in HP-UX.

Tata Elxsi Pvt. Ltd (Mar 2004 - Sep 2004)

Trainee Software Engineer

- Development of prototypes for business proposals

ACADEMIC PROJECTS

- High Available Distributed Bulletin Board using Spread Framework.
- MySQL based Linux Security Log analyzer
- Code Optimization through better Register Allocation
- Resume Crawler and Categorizer
- Caroms Game using Java Swing Framework.
- Fault Tolerant Ethernet driver for Linux.

SKILLS

- Proficiency with C. Experience with C++, Javascript, Java/Swing, Perl, shell scripts,
- Experience with unix systems, network programming and kernel development.
- Familiar with Lex, Yacc, GNU Autotools, GDB, Valgrind etc.
- Familiar with Clearcase, Jazz, subversion
- Experience with MySQL, XML, RDF and SPARQL
- Basic programming knowledge of Haskell, OCaml, Prolog, Erlang, Obj-C.

HONORS AND AWARDS

- Best Technical Idea Award for Unified Log Manager: Semantic Log Management As A Datacenter Service, at HP Winter Idea Fest 2008
- Technical Innovation Award for Secure Applications with Guaranteed Resource Allocation in a High Availability Cluster , at HP Winter Idea Fest 2007
- Technical Innovation Award for Network Applications as Filesystem Services , at HP Summer Idea Fest 2007
- Technical Innovation Award for SIP Presence Server, at HP Winter Idea Fest 2006
- Technical Innovation Award for Automated Terminal Locking for idle sessions, at HP Winter Idea Fest 2006
- Various e-Awards at HP for exceptional performance (2007 and 2008)

DISCLOSURES

- A method and apparatus to access, store, transform and analyze event logs in a concurrent extendable, expressive and scalable way (Hewlett-Packard, 2009).

PAPERS

- Unified Log Manager: Semantic Log Management As A Datacenter Service at HP Asia Tech Con 2008