

# Frederick Chapman

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## OBJECTIVE

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Seeking full time employment to combine extensive knowledge of computer hardware, software development, and theory with creative thinking to implement quality, ground-breaking software.

## PROGRAMMING LANGUAGES

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Java, HTML & CSS, JavaScript, XML, JSP, PHP, Perl, SQL, Unix Shell Script, C/C++/Objective-C, ActionScript, ML, Pascal, PowerPC & X86 Assembler, VHDL

## PROGRAMMING ENVIRONMENTS & TOOLS

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Sun Java Development Kit, Eclipse, Apple MPW, Apple XCode, Macromedia Flash, Metrowerks CodeWarrior, Microsoft Visual Studio, Unix Tools (ant, gcc, make)

## OPERATING SYSTEMS

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Linux, Solaris, BSD Unix, Mac OS X, Classic Mac OS, Windows 95/98/NT/2000/XP, MS-DOS

## WORK EXPERIENCE

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KEANE, INC. - October 2001 to Present  
Senior IT Consultant  
Assigned to Pfizer Global Research & Development

- Developed Web-based applications for the management of clinical and regulatory data in the "Electronic Trial Master File" repository. This system consisted of an OpenText Livelink front-end and an Oracle back-end. Application interaction with this system was accomplished using Java Servlets under BEA Weblogic. Languages used in the development of these applications included Java, JSP, HTML & CSS, Javascript, and XML. Metrics reporting and database interaction were accomplished using PL/SQL. Secondary technologies included Documentum, Verity TELEform, Jakarta Tomcat, and Perl.
- Developed procedures for the migration of clinical data from legacy Informix databases to Oracle. Primary technologies used included Perl, SQL, Unix Tools (vi, grep, sed, awk, shell script), and XML.

UNIVERSITY OF CONNECTICUT - August 1997 to May 2001  
Information Technology Services Macintosh Lab  
IT Consultant

- Provided cross-platform application and operating system support and troubleshooting.
- Maintained and administered systems on the campus network, including print and file servers.
- Designed and implemented web sites for UITS and other university departments.

## ADDITIONAL EXPERIENCE

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REVELARIA MUSIC GROUP & DRIFT SOUND STUDIOS - November 1997 to Present  
Performer, Engineer, and Web Designer

- Performance of original music in front of large audiences.
- Production and engineering of music using cutting-edge computer technology such as Apple Logic Pro, Digidesign ProTools, Steinberg Cubase VST, and plug-ins from Antares, IK Multimedia, and Waves.
- Development of Revelaria's web site using HTML & CSS, JavaScript, Perl, PHP, MySQL, Unix Tools, and XML.

## EDUCATION

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UNIVERSITY OF CONNECTICUT, Storrs, CT  
Bachelor of Science in Computer Science, May 2001  
Area of application in Communication Science

- Studied Algorithms & Complexity, Computer Architecture, Digital Logic, Graphics & Imaging, Operating Systems, Parallel Computing, Programming Theory, Rapid Prototyping of Digital Systems, and Software Engineering.