GOVIND VARTIKAR, M.S.

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OBJECTIVE

Seeking a challenging full-time position in the field of Computer Engineering, Software Engineering and Wireless Networks

TECHNICAL SUMMARY

Analysis and Design	Algorithms, Object oriented programming, .NET, Data Structures, Database Management Systems
Programming	Java, C#, C, C++, SAS, Matlab, Step 5, Step 7
Databases	MySQL, SQL Server, Oracle, Microsoft Access
Web related	PHP, ASP .NET, JSP, Applets, Java Scripts, Macromedia Flash
Communications	Computer Networks, Wireless Networks Design, 802.11, GSM, Queuing Theory, Digital Communications, RSA, RC4, IPSec, TCP/IP, UDP

WORK EXPERIENCE

Project Coordinator, Florida Youth In Transition Website, The Transition Center, University of Florida, Gainesville, FL, May 2004 to Present
- Managed the development of the website project
- Identified and designed databases
- Coordinated the activities of the designers, content providers and the target audience
- Programmed the dynamic components of the website
- Presented at conferences throughout the United States

Information Technology Senior, Biostatistics, University of Florida, Gainesville, FL, February 2004 to Present
- Designed online surveys for research using ASP .NET using C# and SQL Server
- Designed and maintained secure intranet
- Provided audio, video and computer support at conferences
- Performed data analysis in SAS

Systems Analyst and Web Developer, Biostatistics, University of Florida, Gainesville, FL, February 2003 to August 2004
- Designed activity and personnel tracker using PHP and MySQL
- Designed grant development manager and calendar of events using PHP and MySQL
- Developed web pages and maintained the Biostatistics website in Macromedia Dreamweaver

Web Developer, Agility Digital Media, Gainesville, FL, July to October 2003
- Designed shopping cart and administrative interface for website in PHP and MySQL
- Programmed for car shopping, and jewelers web sites using PHP and MySQL

Graduate Teaching and Research Assistant, University of Florida, Gainesville, FL, January 2002 to August 2003

- Provided computer hardware and software support
- Developed application for data analysis
- Assisted in laboratory experiments, data analysis and report generation
- Assisted 75 students in the Electric Circuits course
- Guided, supervised and evaluated 14 students in conducting experiments in the Communications Laboratory

Teaching Assistant and Web Designer, University of Missouri, Columbia, MO, August 2001 to December 2001

- Instructed and trained 40 students in the Senior Capstone Design course
- Developed and maintained the course web page

Software Engineer, Mahindra-British Telecom, Pune, India, February 2001 to June 2001

- Developed a Hospital Management Systems
- Worked on software project assignments using various skills including C, C++, Java, Visual Basic, Oracle

Engineering and Commissioning Engineer, Siemens, India, August 1999 to October 2000

- Designed Drives and Programmable Logic Controller (PLC) for Jindal Steel Company, India
- Programmed and commissioned PLC using C like propriety language at Tata Steel Company, India
- Designed Human Machine Interface (HMI) for Kawasaki Steel Corporation, Japan
- Commissioned PLC incorporating the Automatic Gain Control technique at India Government Mint, India
- Received first prize for research paper on "Reasons for Delay in Implementation of the Projects"

Engineering Intern, Society for Applied Microwave Electronics Engineering and Research, India, August 1998 to April 1999

- Designed a micro-controller based system for forecasting weather, under the supervision of a Senior Design Engineer

EDUCATION

Master of Science in Computer Engineering, May 2003
Electrical and Computer Engineering Department, University of Florida, Gainesville, FL

Bachelor of Engineering in Electronics Engineering, June 1999
University of Mumbai, Mumbai (Bombay), India

COURSE PROJECTS

- Simulated a Secure Network using RSA, RC4 algorithms and IPSec in C, January 2003 to May 2003
- Simulated a 802.11b network and analyzed various congestion control algorithms, August 2002 to December 2002
- Developed an online Boggle game using Java Threads, Applets and Servlets, August 2002 to December 2002
- Designed a Voice over Internet Protocol (VoIP) system, May 2002 to July 2002
- Implemented the Remote Authentication Dial-up User in Service (RADIUS) server, January 2002 to April 2002
- Developed an online traffic management system, using CGI and MySQL, August 2001 to December 2001

CONFERENCE PARTICIPATION

- Presented on "Florida Youth In Transition Website" at statewide conference sponsored by State of Florida in Orlando, FL, May 2005
- Managed and supported Audio and Video Technology at statewide conference sponsored by the Florida Department of Education in Jacksonville, FL, February 2005
- Provided Computer and Technology Support at statewide conference on sponsored by the Department of Education in Tampa, FL, September 2004
- Presented on "Standing Up for me" at statewide conference sponsored by the Florida Department of Education in Jacksonville, FL, February 2004