

Harish Chavan

1258 Progress Street, 5400 K,
Blacksburg, Virginia – 24060.

Voice : Home :(540) 443-1221

E-mail: hchavan@vt.edu

URL: <http://www.filebox.vt.edu/users/hchavan>

OBJECTIVE Seeking a challenging position in the areas of Industrial Engineering, Software Development starting June 2003.

EDUCATION **M.S in Industrial And Systems Engineering (May 2003)** GPA: **3.50**
Virginia Polytechnic Institute & State University (Virginia Tech), Blacksburg, VA

Relevant Coursework:

| | |
|--------------------------|------------------------------------|
| Linear Optimization | Random Processes |
| Non- Linear Optimization | Production Planning And Control |
| Simulation | Integrated System Design |
| Modeling Processes in OR | Analysis of Transportation Systems |

BS in Production Engineering (May 1999) GPA: **4.00**
V.J.T.I., Mumbai University, India

Relevant Coursework:

| | |
|---|---------------------|
| Design of Jigs And Fixtures | Production Software |
| Automation And Control Engineering | Machine Design |
| Production Management | CAD/ CAM/ CIM |
| Economics, Finance, Accounting, Costing | Fluid Mechanics |

WORK

EXPERIENCE ➤ **Data Analyst** (Jun 2003 – Present)
Capital One

Job profile : Fulfilling a strategically vital role at Capital One. Responsibilities include:

- Leveraging data and conducting analysis to help drive our information based strategy
- Extracting and analyzing data from existing data stores and performing ad-hoc queries
- Contributing to the full life cycle of projects: driving to insightful analyses and achieving results
- Collaborating across business units on cross-functional teams
- Assisting in the design, coding and implementation of new production and data storage systems
- Developing and implementing new strategic tests
- Driving operational efficiencies and effectiveness improvements

➤ **Web Designer (GTA)** (Aug 2002 – April 2002)
Virginia Polytechnic Institute & State University, Blacksburg, VA

Job profile : Design and Development of the official web-site of Industrial and Systems Engineering Department.

➤ **Software Engineer/ Team Leader** (Oct 1999 – July 2001)
Mahindra British Telecom, India

Job profile : Design, Development and Testing. Also, was leading and managing the teams in the projects.

- Software for Library Management Systems to be used by the company.
- Software for Attendance System.
- Developed a website for the Business Development of Mahindra British Telecom.
- Worked for a project named COSMOSS (**Customer Orientated System for Management Of Special Services**), which was done for **British Telecom (U.K.)**.
- Installation of various software and network administration.

TEACHING**EXPERIENCE**

➤ **Software Engineer/ Team Leader**
Mahindra British Telecom, India

(Oct 1999 – July 2001)

Job profile : Holding classroom training as well as hands on experience to the employees.
C language, DB2 and SQL, the project training for COSMOSS employees, COBOL/ CICS.

COMPUTER SKILLS

Languages: C, C++, PL/SQL, PASCAL, Java, COBOL, CICS

Operating Systems: Windows XP/2000/NT/95/98, Mac OS X.1

Internet Technologies: HTML, ASP, VB Script, JavaScript

DBMS: Developer 2000, MS Access

Other Software: MS Project, MS Office XP/2000, Corel DRAW 10, Adobe Photoshop 6.0, Microsoft Front Page 2000, Dream weaver, Flash, AUTOCAD 13/14, Cold Fusion, Crystal Ball, Arena, Matlab, Flash, Autocad 14, Adobe Photoshop 7.0, Adobe Illustrator, Adobe Go-Live, Amaya.

PROJECTS:

➤ **Thesis (Virginia Tech):** Currently working on thesis with the Department of Transportation.

- Working on Small Aircraft Transportation Systems (SATS) for Aircraft Scheduling for dynamic demand.

➤ **Larsen & Toubro (Intern):** Switchboard Department. Projects performed were:

- Modification on barrier of TF3 board.
- Jig on the door feeder line.
- Analysis of labor utilization.

➤ **Library Management System for Mahindra British Telecom.** To design a user-friendly library management system for easy access to the Librarian in MBT (DB2 and SQL).

➤ **Attendance Management System for Mahindra British Telecom.** To design a user-friendly attendance management system for easy access to the employees of MBT (C and VB).

➤ **COSMOSS(Customer Orientated System For Management Of Special Services) for British Telecom (U.K.).** COSMOSS is primarily an Order Handling and Job Management system supporting Special Services. Special Services cover a range of products and services from a single analogue Private Circuit to a Virtual Private Network covering the whole country, Feature Net, BT Prime Service and D-Channel. COSMOSS customers range from medium to large businesses, local authorities and the government.

➤ **Simulation Project at Virginia Tech.**

Worked on Arena to prepare a model for optimizing a meat/ fish market with objectives of maximizing customer satisfaction and minimizing labor cost.

Worked on Arena to prepare a model for simulation a working of a fast food restaurant.

➤ **Optimization Project at Virginia Tech.**

Worked on line search problem using various techniques. Coded on Matlab.

➤ **Designed a web site for business development of Mahindra British Telecom.**

SEMINARS

Seminar Paper presented on “MRP”, “Concurrent Engineering” for Inter- Collegiate Competition.

Presentation made on “DB2”, “RDBMS” to Company Employees.

Presentation made about the project to U.K. Clients of British Telecom.

Seminar presentation on “Working of Burger King from Perspective of I.E.”

Build and presented mathematical model of “Time and Speed at which a Tennis Ball approaches the opponent”

ACTIVITIES

Student Member, Institute For Operations Research and the Management Sciences (INFORMS).

Student Member, Association for India’s Development (AID).

PERSONAL

Achieved rank of 6 in 1200 students in Mumbai University in 1999.

Organized various activities during undergraduation.