

BELL RAJ EAPEN

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Online resume: <http://www.gulfdoctor.net/resume.htm>

Nationality: INDIAN, (UAE Employment VISA) **Date of Birth:** 26/05/1973

Key Skills:

- **Thorough understanding of clinical trial protocols:** Expertise include web based clinical trial management and biostatistics.
- **Bioinformatics skills:** Comprehensive knowledge of biological databases, Sequence analysis, commonly used bioinformatics software, workflow design and basic knowledge of docking and protein modeling.
- **IT skills:** Operating systems like Windows & Linux, Programming languages like VB and Java, Web technologies like PHP/MySQL, ASP, Perl, and Basic database management skills including Oracle 8i.
- **Clinical skills:** Thorough knowledge of pathogenesis of various dermatological diseases and their assessment and management.
- **Management skills:** Completed Postgraduate Diploma in Business Management (PGDBM) in 2005. Areas of interest include management of biotechnology firms and costing of biotech products.

Educational Qualifications:

- MBBS Saint John's Medical College, Bangalore. (Bangalore University). INDIA, Internship Completed on 07/06/96
- MD (*Dermatology and Venereology*), Kasturba Medical College, Manipal. (Manipal Academy of Higher Education). INDIA, July 2000
- DNB (*Dermatology and Venereology*) National Board Of Examinations, INDIA, Nov 2000
- Dip. Derm. Royal College of Physicians And Surgeons of Glasgow, UK, Oct 2005
- MSc (*Bioinformatics*) Sikkim Manipal University, INDIA, Feb 2005
- PGDBI (*Post Graduate Diploma In Bioinformatics*) Bioinformatics Institute Of India, 2003
- Diploma in *Drug Designing & Patenting* Bioinformatics Institute Of India, Jan 2004
- PGDBM (*Post Graduate Diploma in Business Management*) Rajiv Gandhi Education Foundation, Dec 2005

Teaching Experience:

I have worked as an Assistant Professor of Dermatology in a **Harvard Medical International** associated medical school in India. My duties included taking Theory classes and bed-side clinics for under-graduate and post-graduate students, Out-patient and In-patient management, organising academic conferences and guiding post-graduate research and thesis.

Career Profile:

- **Assistant Professor**, Skin & STD; Sri Ramachandra Medical College and Research institute (DU), INDIA (*A Harvard Medical International associated institution*) April 2001 to Jan 2004.
- **Specialist Dermatologist**, Dubai, UAE, Jan 2004 to present.

Selected Publications

- **Eapen BR.** A new insight into the pathogenesis of Reiter's syndrome using bioinformatics tools. *International Journal of Dermatology* March-2003. 42 (3); 242-243.
- **Eapen BR.** Structural Analysis of staphylococcal enterotoxin G (SEG) and its inactive mutant (SEG L29P) using bioinformatics tools. *Biomedicine* 2002; **22**: 89-93.
- Sandra A, **Eapen BR**, Shenoj SD. Effect of thickness of sunscreen on SPF. *British Journal of Dermatology (Suppl)*. 2000; **143** (57); 24
- **Bell Raj Eapen.** Bioinformatics - A Clinician's perspective. *Bioinformatics - India* Apr-jun(2003). 1 (1); 17-18.
- **Bell Raj Eapen**, Shrutakirithi D Shenoj, Sandra A. Patch Testing with Shoe series in suspected cases of footwear dermatitis. *Indian J Dermatol* 2001; 46(3): 146-148
- **Bell Raj Eapen**, T Salim, S D Shenoj. Clinical Presentation and treatment outcome in Systemic Lupus Erythematosus. (Vol 47 No 3 July - September 2002, *Indian Journal of Dermatology*).
- **Eapen BR.** Data sharing using internet: A suggestion – Letter to Ed. *Indian J Dermatol Venerol Leprol*. 2003;69:194.
- **Eapen BR.** Vit1 gene in Vitiligo – Letter to Ed. *Indian J Dermatol Venerol Leprol*. 2004;70:184.
- **Eapen BR.** Neural network algorithm to predict the severity of Epidermolysis Bullosa Simplex. *Indian J Dermatol Venerol Leprol*. 2005;71:106-8.
- **Bell Raj Eapen**, Murali Srinivasan, Geetanjali Bhas. Antibiotic sensitivity profile of common bacterial pathogens in Dubai – A study of 107 cases. *MEJFM* 2005; 3(4): 28 - 32

Current Research Interests:

Conducts online research using an application conceptualized, designed and maintained by me.

My present projects include

- Domain ontology for dermatology (<http://www.gulfdactor.net/ontoderm>)
- Intelligent interface for sequence analysis. (<http://www.gulfdactor.net/iisa>)
- Study of the effects of elastin mutations on its propensity for coacervation and its pathological significance.
- Bioinformatics study of proteins of unknown function in the Basement membrane zone.
- Designing an Online artificial intelligence tool for assistance in dermatological diagnosis.

Academic Reviews:

- Member of the reviewer panel of Indian Journal of Dermatologists, Venereologists and Leprologists.

Awards:

- State award for best research paper in the State conference of Dermatologists in Manipal in the year 2000 (Karnataka-Tamil Nadu branch).

Conferences Attended:

- Attended and presented papers in various national and state level conferences.
- I have successfully completed the NIH Clinical Research Training course and fulfilled the Training and Education Standard issued by the NIH for conducting clinical research within the intramural research program.

Relevant URLs:

- Home page: <http://www.gulfdactor.net/>
- Up-To-Date Resume: <http://www.gulfdactor.net/derm.htm>
- Publications: <http://www.gulfdactor.net/publi.htm>
- Research: <http://www.gulfdactor.net/research.htm>

IT Skills:

- **Operating System:** Win 2000/XP, Linux.
- **Database:** Oracle (basic knowledge only)
- **Languages:** Visual Basic, Prolog, Java.
- **Web:** php + MySQL, ASP, Java Servlets, PERL, HTML, JavaScript
- **Bioinformatics:** Emboss, Taverna.

Selected IT Projects:

- Online appointment management system and doctors directory (PHP / MySQL). An application for doctors to manage appointments online and to save their profile for patients to search. (<http://www.gulfdoctor.net/gd>)
- Online clinical trial management system. (ASP with Access DB). An application for doctors to enter clinical trial data and for drug companies to monitor progress. (<http://asp.gulfdoctor.net/clinfog/login.htm>)

Selected Clinical Trials

- Leflunamide in the treatment of psoriasis.
- MSM in the treatment of Lichen Amyloidosis.

Referees:

- **Name:** Dr. Shrutakirthi D Shenoi MD, DVD.,
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Email and other contact details: Shru12@yahoo.com
Relationship: Professor and my Post Graduate guide in Kasturba Medical college, Manipal, Karnataka, India.
- **Name:** Prof. Anthony Varghese
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Relationship: Collaborator in bioinformatics research.
- **Name:** Dr. P. T. Srinivasan MSc, PhD, MA(P&R), MSc BI.,
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