VIVEK M HALEMANE

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WORK EXPERIENCE

2024-Present   **INDEPENDENT CONSULTANT**   **BANGALORE, INDIA**
- Developed Gen AI RAG and Graph RAG POCs for software documentation belonging to a large IT services company using MS Azure OpenAI GPT models, MS Doc Intelligence service, and LangChain in Python
- Developed a Gen AI RAG POC using Llama 3.1 and did a comparative analysis with Azure OpenAI RAG

2016-2022   **SNAPCOMMUTE LABS**   **BANGALORE, INDIA**
Director of Technology   **Full-Time**
- Developed an Android app for a building automation system using Flutter
- Performed data analysis and built models to predict arrival times for public transportation using Python
- Developed the mobile app on Android platform using Angular, Ionic, TypeScript, and Cordova
- Developed back-end API server using Ruby on Rails

2010-2013   **OPENSTRIDES SOFTWARE & SOLUTIONS**   **BANGALORE, INDIA**
Executive Vice President, Social Media Initiatives   **Full-Time**
- Wrote a business plan and championed a new business initiative targeting Indian higher-education sector
- Conducted market research, designed & developed a virtual campus community software for universities
- Generated leads and helped company secure new clients in the retail and higher-education sectors

2007-2009   **IBM CORPORATION**   **BANGALORE, INDIA / SAN JOSE, CA, USA**
Systems Analyst / Consultant   **Full-Time**
- Interfaced with customers and analyzed their requirements before advising technology and process solutions
- Designed and implemented process improvements. Awarded the IBM Bravo certificate
- Developed technology strategy for IBM to migrate the IT assets of a Southern California biotech client

2004-2005   **STANFORD UNIVERSITY SCHOOL OF MEDICINE**   **STANFORD, CA, USA**
Research Assistant   **Part-Time**
- RA to a School of Medicine assistant professor working on biomedical informatics research

2004-2004   **STANFORD UNIVERSITY SCHOOL OF ENGINEERING**   **STANFORD, CA, USA**
Teaching Assistant   **Part-Time**
- TA for 1 quarter to a Mechanical Engineering professor handling a class of 84 students

2000-2003   **IBM CORPORATION**   **BANGALORE, INDIA**
Software Engineer   **Full-Time**
- Technical lead to a team of 9 & developed a web-based tutorial. Worked with cross-cultural teams from UK, Canada & Japan
- Owned critical components of mission-critical softwares such as AIX Operating System and IBM Java Development Kit that powered flagship products of the company

EDUCATION

2003-2006   **STANFORD UNIVERSITY**   **STANFORD, CA, USA**
Master of Science in Computational & Mathematical Engineering, January 2006.
- Officer in the Business Association of Stanford Engineering Students (BASES) Innovator's Challenge team
- Worked 20 hours per week during college to fully fund education at Stanford

1996-2000   **R.V. COLLEGE OF ENGINEERING, BANGALORE UNIVERSITY**   **BANGALORE, INDIA**
Bachelor of Engineering in Computer Science & Engineering. September 2000. First Class with Distinction.
- Co-founder, High Tech club of RVCE, 1998-2000
- Elected Class Recruitment Coordinator, 1999-2000

HONOURS

- Ranked 18th among 550,000 students in the Karnataka state level SSLC (10th grade) examination (1994)
- Runner up in the all-India group singing competition conducted by All India Radio (1991)

PERSONAL   Fluent in English, Hindi, and Kannada. Enjoy current affairs, tennis, table tennis, and music