Senior Developer (Data mining, machine learning, NLP)

LOCATION
Any Location, ,India

WORK AREA
Software - Design and Development

EXPECTED TRAVEL
0% - 10%

CAREER STATUS
Professional

EMPLOYMENT TYPE
Regular Full Time

REFERENCE CODE
IN-57169756-EN-13-002

Do you demand the best from your professional career? Are you inspired by excellence? At SAP, you will have the power to make a real impact. As the global market leader for business software, SAP helps companies and organizations in more than 25 industries to run better.

PURPOSE AND OBJECTIVES

Do you wish you had been part of something big like Xerox PARC in its heyday or the Human Genome Project? Do you think of your work as an adventure and not a mere job, or horrors, a paycheck?

Are you keen on embarking on a software adventure that is at the very edge of reality? That fuses design thinking with real-time big data analytics, in-memory computing, novel visualizations and deep text understanding. That enables you to learn (and influence) how cutting-edge products are built and evolve through interactions with researchers, the field team, partners and customers.

The TIP HANA P&D Business Applications Development team in Bangalore is building the next generation stock analytics and market insights platform called Sentinel. The goal is to be nothing less than the Amazon for Stocks and the Facebook for Investors. We take our metaphors seriously! Sentinel blends Algorithmic Trading with deep News Analytics into a disruptive synergy, powered by SAP's revolutionary in-memory HANA platform and deep text analytics capabilities. We couple a fluid frontend (HTML 5/Javascript) with a super-scalable backend. Our sole purpose is simply this: to help millions of investors identify profitable trading opportunities with minimal cognitive overload. The end-goal is to build a system that is simple but not trivial; deeply quantitative but not confounding; advanced but not abstruse.

We encourage you to apply if you have the chutzpah to be a part of this game-changing effort.

We are currently looking for a deeply hands-on senior developer (or junior architect) who will play a pivotal role in the implementation and delivery of these ideas from an end-to-end system perspective.

Please note: While the team is currently located in Bangalore, we are staffing this position in Pune.

EXPECTATIONS AND TASKS

The Main responsibilities of this job are:

- Acquire a deep knowledge of the HANA architecture and its fundamental paradigms
- Architect, design, lead, implement and deliver key text understanding components of Sentinel
- Build high-scale algorithms and components that will support millions of users and real-time news feeds
- Mentor younger members of the team and help build their domain skills and professional perspective
- Document, publish or patent all IP that is generated
- Work closely with researchers, members of the field team and customers to evolve the product

EDUCATION AND QUALIFICATIONS / SKILLS AND COMPETENCIES

- B.E. (but preferably higher degree) in Computer Science with exposure to data mining and machine learning or statistics

Please note that SAP only accepts applications submitted via our online recruiting system. Individuals with disabilities who require a reasonable accommodation in the job application process should contact HR Direct (Americas: hrdirectamericas@sap.com, APJ: hrdirectapj@sap.com, EMEA: careers@sap.com)

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WORK EXPERIENCE

- Demonstrated hands-on leadership in conceptualizing and implementing large scale algorithms and applications in data mining, machine learning, text analytics and natural language processing (NLP), sentiment analysis, search, semantics
- 4-8 years of hard-core software development experience in the above topics. More experienced candidates may be considered as well
- Extensive experience in large-scale development in Java, C++ or equivalent
- Strong Computer Science background
- Proven track record of out-of-the-box, innovative thought and action
- Varied and diverse interests outside of work, constantly focused on lifelong learning
- Strong written and verbal communication skills
- Strong mentoring skills
- Passionate, self-driven, simply gets things done

SAP'S DIVERSITY COMMITMENT

To harness the power of innovation, SAP invests in the development of its diverse employees. We aspire to leverage the qualities and appreciate the unique competencies that each person brings to the company.

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