



University of
Pittsburgh®

Informatics and Networked Systems
School of Computing and Information

You are receiving this email because you are enrolled in the MSIS/MST graduate degree programs within the Department of Informatics and Networked Systems at the School of Computing and Information. Each weekly newsletter will feature important updates on career/academic and job opportunities, department and school events, enrollment guidance and upcoming academic deadlines.



Available in Person in IS Building Room 706 each Tuesday from 1pm to 2:30pm.

We hope that your Spring Term has been going well. Enrollment Appointments are coming up. Do you have questions about enrollment for Fall 2024?

The Department of Informatics and Networked Systems is going to host an Advising Session for Continuing Graduate Students on Tuesday, March 19. This event will offer you a great opportunity to discuss your degree program, progress, and professional goals with DINS faculty and staff. This will be hosted by our Department Advising Committee and will include faculty representing several of our academic areas of strength including Human-Centered Computing, Big Data, Networks, and more.

Here are the details:

Tuesday, March 19, 2024

1pm-2:30pm-Advising Sessions for Continuing Graduate Students

Room 316 (Third Floor), Information Sciences Building

Please RSVP at the following link: https://pitt.co1.qualtrics.com/jfe/form/SV_6Mq7SRpW7avMbp1

Software/Data Engineer

KMC Technologies Group

Remote or

Chicago, IL + 1

(Onsite)

Role Description

As a software engineer, your primary role is to design, develop, and maintain software systems and applications. Here are some common job details and responsibilities associated with a software engineering position:

1. **Software Development:** You will be involved in the entire software development lifecycle, including requirements analysis, design, coding, testing, and deployment. This includes writing efficient, maintainable, and scalable code.
2. **Programming Languages:** As a software engineer, you'll need expertise in programming languages such as Java, Python, C++, C#, JavaScript, or others, depending on the specific job requirements and the technologies used by the company.
3. **System Design:** You'll be responsible for designing software architecture and system components. This involves breaking down requirements into smaller modules, defining interfaces, and ensuring the system is scalable, robust, and efficient.
4. **Problem Solving:** Software engineers are often faced with complex problems that require logical thinking and analytical skills. You'll need to identify issues, debug code, and implement effective solutions.
5. **Collaboration:** Software engineering is often a collaborative effort. You'll work closely with cross-functional teams, including product managers, designers, and quality assurance engineers, to ensure the successful delivery of software projects.

[Software/Data Engineer](#) | [KMC Technologies Group](#) | [Handshake \(joinhandshake.com\)](#)

MERN Stack Developer

Invicttech Inc

Remote or

East Windsor, NJ

(Hybrid)

Role Description

An Entry-level MERN Stack developer will be responsible for translating communicated needs and requirements into user-friendly, responsive, and appealing interactive web and mobile applications. We recognize that our people are our strength and the diverse talents from our workforce directly contribute to our success. Currently, we are more than willing to sponsor H1B visas to employees who show great potential.

What you will work on

- Works in team assisting with project management and execution of web development and digital platforms projects
- Perform job duties with knowledge in front-end coding and architecture, and other scripting/coding projects as assigned.
- Help establish, reinforce, and periodically evaluate coding standards and code quality.
- Collaborates with the testing team to develop solutions for defects and facilitate the deployment for automated tests
- Coordinate with members of other teams to develop unique solutions that utilize appropriate, leading-edge knowledge to help stakeholders realize business objectives.

What you need to have

- Experience and strong understanding in main web development tools (e.g., HTML, CSS) and programming languages (e.g., JavaScript, Python, C#, C++)
- Understanding of Git version control or other related tools
- Desire for continuous learning and improvement.
- Strong verbal and writing communication skills.
- Self-starter, strong work ethic.

What we prefer you to have...

- Bachelor's or Master's degree in Computer Science, Computer Engineering, or related majors
- Previous working experience with JavaScript coding and understanding about JavaScript framework (e.g., React.js, Node.js, Express.js, etc.)
- Previous experience with test integration

Working Condition: Hybrid with a larger proportion of time on-site

Annual Salary: \$80,000 - 100,000 depending on experience

Application instruction: Please apply through Handshake.

Contact information: hrinfo@invictusys.com

[MERN Stack Developer | Invicttech Inc | Handshake \(joinhandshake.com\)](#)

Enrollment Dates

March 8, 2024-Spring Term Monitored Withdrawal Deadline

March 10, 2024, through March 17, 2024: Spring Break

I hope you enjoy your break! The next newsletter will come out the Friday following break (March 22, 2024)

*******Please be advised, that if you have any questions, you can always reach out to me via email (jap306@pitt.edu) and phone number (412-383-4212). *******

Regards,

James Petraglia (Pa-trail-ya)