

Software Development Engineer

Description

A Software Development Engineer is a professional responsible for designing, developing, and maintaining software applications. They possess a deep understanding of programming languages, algorithms, and software development methodologies. Their role involves analysing user requirements, designing software architecture, writing clean and efficient code, and debugging and testing software systems. Software Development Engineers collaborate with cross-functional teams, including product managers, designers, and quality assurance professionals, to ensure the successful delivery of software solutions. They are adept at problem-solving and possess excellent analytical and communication skills. In addition, they stay updated with emerging technologies and industry trends to continually enhance their skills and contribute to innovative software development projects.

Responsibilities

- Write and maintain high-quality code in various programming languages.
- Collaborate with cross-functional teams to gather requirements and design software solutions.
- Develop and implement software applications, features, and enhancements.
- Conduct thorough code reviews to ensure code quality and adherence to coding standards.
- Debug and troubleshoot software defects and production issues.
- Perform unit testing and contribute to the development of automated test frameworks. Optimize software performance and improve scalability.
- Document software design, specifications, and test plans.
- Stay up-to-date with industry trends and technologies to incorporate them into software development processes.
- Participate in agile development methodologies, such as Scrum or Kanban.
- Provide technical guidance and mentorship to junior developers.
- Collaborate with product managers and stakeholders to refine requirements and prioritize development tasks.
- Contribute to the continuous improvement of development processes and best practices.
- Participate in code refactoring's and architectural redesigns to improve software maintainability.
- Collaborate with DevOps teams to deploy and monitor software applications in production environments.
- Research and evaluate third-party libraries, tools, and frameworks for integration into software projects.
- Communicate effectively with team members and project stakeholders to ensure alignment and transparency.
- Participate in software estimation, planning, and sprint execution activities.
- Follow secure coding practices and contribute to the overall security of software systems.
- Continuously learn and acquire new skills to enhance technical expertise.

Qualifications

Bachelor's degree in Computer Engineering and related degree and/or equivalent experience.

Hiring organization

Tekhops

Employment Type

Full-time

Job Location

Anoka, MN, USA

Remote work possible

Date posted

March 5, 2024