1) Front-End Developer –

- Develop responsive web applications and themes from design tools like Figma, Photoshop, or similar, ensuring pixel-perfect implementation.
- Adapt external designs into various platforms (WordPress, React, Next.js, etc.) while balancing precision and maintainability.
- Strong expertise in HTML5, CSS3, and modern CSS frameworks (SASS, TailwindCSS), with a deep understanding of CSS internals.
- Proficient in JavaScript (ES6/ESNext) and comfortable with frameworks/libraries like React, Next.js, and jQuery (for simpler projects).
- Experience working with REST APIs, GraphQL, and decoupled architectures in frontend development.
- Basic PHP programming knowledge, with experience in handling server-side integration for dynamic web content.
- Knowledge of React for building reusable components and custom frontend features, with a focus on UI/UX design best practices.
- Familiarity with JavaScript build tools like Webpack, Babel, and task runners like NPM/Yarn, able to configure them from scratch.
- Experience in optimizing performance, scalability, and SEO for frontend web applications.
- Version control expertise (Git), with the ability to collaborate effectively in a team environment.

2) Back-End Developer –

- Develop and maintain server-side logic, ensuring high performance and responsiveness of web applications.
- Strong proficiency in backend programming languages such as Python, Node.js, PHP, Ruby, or Java, depending on the project.
- Experience with RESTful APIs and GraphQL for creating and integrating data-driven web services.

- Familiarity with database systems (SQL and NoSQL), such as MySQL, PostgreSQL, MongoDB, or Redis, for efficient data management.
- Expertise in managing cloud infrastructure and services (AWS, Azure, or Google Cloud), focusing on scalability and security.
- Proficient in server-side frameworks (Express, Django, Flask, Laravel, etc.) to build robust and scalable applications.
- Experience in designing and optimizing databases, creating efficient queries, and ensuring data integrity.
- Familiarity with version control systems like Git and collaborative development in a team environment.
- Knowledge of containerization technologies such as Docker and orchestration tools like Kubernetes.
- Experience with authentication, authorization (OAuth, JWT), and building secure systems with best security practices.
- Ability to implement caching strategies (Redis, Memcached) and optimize performance for large-scale applications.
- Proficient in CI/CD pipelines for automated deployment and continuous integration.

3) Software Engineer –

- Design, develop, and maintain software solutions that meet project and client requirements using languages like Python, Java, C++, or JavaScript.
- Work on both frontend and backend components, building full-stack solutions when required.
- Develop efficient, scalable, and reliable software systems, ensuring optimal performance and low latency.
- Strong experience with databases (SQL and NoSQL), such as MySQL, PostgreSQL, MongoDB, or Redis, and ability to design complex data models.
- Build and integrate APIs (RESTful and GraphQL) for seamless communication between various software components.

- Proficient in cloud platforms (AWS, Azure, Google Cloud) for deploying, scaling, and maintaining applications in cloud environments.
- Knowledge of software development frameworks and libraries (Spring, Django, React, Node.js) to build robust applications.
- Write clean, maintainable, and well-documented code following best practices in version control (Git) and software development lifecycle (SDLC).
- Experience in working with CI/CD pipelines for automated testing, building, and deployment.
- Familiarity with containerization technologies like Docker and orchestration tools like Kubernetes to manage scalable applications.
- Ensure system security and data protection through proper implementation of authentication, authorization, and encryption methods.
- Collaborate effectively with cross-functional teams including product managers, UX designers, and other engineers to deliver high-quality solutions.
- Troubleshoot, debug, and upgrade existing systems while continuously improving software reliability and performance.

4) Data Scientist –

- Collect, clean, and analyze large datasets to derive actionable insights that drive business decisions.
- Proficiency in programming languages like Python and R, with experience in libraries such as pandas, NumPy, Scikit-learn, TensorFlow, and PyTorch for data manipulation and machine learning.
- Develop, implement, and optimize machine learning models for predictive analytics, classification, regression, clustering, and recommendation systems.
- Strong understanding of statistical analysis, probability, and hypothesis testing to validate findings and ensure accuracy.

- Experience with data visualization tools like Matplotlib, Seaborn, Plotly, Tableau, or Power BI to effectively communicate data insights and trends.
- Proficient in SQL for querying databases and extracting relevant information from structured and unstructured data sources.
- Familiarity with big data technologies such as Hadoop, Spark, and cloud platforms like AWS, Google Cloud, or Azure for scalable data processing and storage.
- Expertise in building and deploying data pipelines for automating data collection, cleaning, and analysis.
- Knowledge of Natural Language Processing (NLP) for working with textual data and generating insights from unstructured sources.
- Collaborate with cross-functional teams, including product managers, engineers, and business stakeholders, to identify business challenges and develop data-driven solutions.
- Develop and deploy machine learning models into production environments using MLOps practices for continuous monitoring and improvement.
- Stay up-to-date with the latest trends and advancements in data science and machine learning to apply cutting-edge techniques in solving complex problems.
- Ensure data security, privacy, and compliance with industry standards and regulations (GDPR, CCPA, etc.).

5) Software testing analyst –

- Design, develop, and execute test cases and test scripts for functional, regression, integration, and performance testing of software applications.
- Identify, document, and track software defects using bug tracking tools like JIRA, Bugzilla, or TFS, and work with development teams to resolve issues.
- Strong knowledge of software testing methodologies (Agile, Waterfall, etc.) and testing techniques, including black-box, white-box, and gray-box testing.

- Perform manual and automated testing using tools like Selenium, QTP, TestNG, or JUnit, ensuring thorough test coverage across all layers of the application.
- Experience with test automation frameworks and scripting languages (Python, Java, JavaScript) for building robust automated test suites.
- Validate APIs and web services using tools such as Postman or SoapUI to ensure proper functionality and performance.
- Collaborate with cross-functional teams, including developers, product managers, and QA engineers, to ensure quality standards are met.
- Conduct performance testing using tools like JMeter or LoadRunner to evaluate system performance under various load conditions.
- Develop and maintain test plans, testing documentation, and test environments in alignment with project requirements.
- Perform user acceptance testing (UAT) to ensure software meets user expectations and business requirements.
- Ensure the security and compliance of software through security testing, identifying vulnerabilities, and recommending fixes.
- Provide detailed test reports and metrics to stakeholders, communicating test results, risks, and quality issues effectively.
- Stay current with industry best practices in software testing, tools, and technologies, applying them to continuously improve testing processes.

6)Cloud engineer –

- Design, implement, and manage cloud infrastructure solutions on platforms such as AWS, Microsoft Azure, or Google Cloud.
- Develop and maintain cloud architecture, ensuring scalability, high availability, and cost optimization.
- Strong proficiency in cloud services such as EC2, S3, Lambda, RDS (AWS), Virtual Machines, Blob Storage (Azure), or Compute Engine, Cloud Storage (Google Cloud).
- Deploy, configure, and manage cloud resources using Infrastructure as Code (IaC) tools like Terraform, AWS CloudFormation, or Azure Resource Manager.

- Monitor and optimize cloud environments for performance, reliability, and security using tools like CloudWatch, Azure Monitor, or Stackdriver.
- Experience with containerization (Docker) and orchestration platforms like Kubernetes for deploying, scaling, and managing containerized applications.
- Implement cloud security best practices, including identity and access management (IAM), encryption, and threat detection, ensuring compliance with industry standards.
- Automate cloud operations and workflows using scripting languages (Python, Bash, PowerShell) and configuration management tools (Ansible, Chef, Puppet).
- Build and manage CI/CD pipelines using tools like Jenkins, GitLab CI, or Azure DevOps for automating the deployment of cloud-based applications.
- Expertise in networking, VPN, firewalls, and load balancers in a cloud environment to ensure secure and efficient communication between cloud resources.
- Perform cost management and optimization by tracking resource usage and implementing cost-saving measures across cloud environments.
- Collaborate with development, DevOps, and IT teams to architect and deploy cloud-native applications and microservices.
- Stay updated on the latest cloud technologies and trends, applying cutting-edge solutions to continuously improve cloud infrastructure.