

Tech Role	Common Problems Solved
Full-Stack Developer	Building both client and server software, integrating front-end and back-end systems
Front-End Developer	Creating and optimizing the user interface and user experience
Back-End Developer	Server-side logic, database management, application integration
Mobile Developer	Building and maintaining mobile applications, ensuring performance on various devices
Software Engineer	Developing software solutions, improving system performance, scaling applications
DevOps Engineer	Streamlining software delivery by integrating development and operations
QA Engineer/Test Engineer	Identifying and fixing bugs, ensuring software quality
Security Engineer	Protecting systems against cyber threats, securing data
Site Reliability Engineer	Ensuring high availability and reliability of services and infrastructure
Data Engineer	Building and maintaining data pipelines, data storage solutions
Product Manager	Identifying user needs, defining product strategy, managing product lifecycle
Product Designer	Designing product features, ensuring functionality meets user needs
UX/UI Designer	Improving user interaction, designing intuitive interfaces
Interaction Designer	Creating engaging interfaces, focusing on user behavior
Graphic Designer	Visual content creation, branding
User Researcher	Gathering user insights to inform design and development
Data Scientist	Extracting insights from data, building predictive models
Data Analyst	Analyzing data to support business decisions
Business Intelligence Analyst	Transforming data into actionable intelligence
Data Visualization Specialist	Presenting data in understandable formats
Machine Learning Engineer	Designing and developing machine learning models
AI Research Scientist	Innovating new AI techniques and applications
Chief Technology Officer	Setting tech strategy, overseeing tech-related decisions
Chief Information Officer	Aligning technology with business strategy
VP of Engineering	Leading engineering teams, strategic planning for tech development
Technical Co-founder	Shaping the company's technical vision, building the initial product
Head of Product	Steering the product team, prioritizing product features
Head of Design	Overseeing design direction, ensuring product design aligns with business goals
AR/VR Developer	Building augmented and virtual reality experiences
Blockchain Developer	Implementing blockchain technology, developing smart contracts
Cybersecurity Specialist	Defending against hacking, phishing, and other cyberattacks

Cloud Solutions Architect	Designing cloud architecture, migrating systems to cloud
IoT Engineer	Developing Internet of Things devices and infrastructure
Robotics Engineer	Designing and building robotic systems
Systems Architect	Designing complex IT systems, integrating with business processes
Embedded Systems Engineer	Developing software for embedded systems
Technical Support Specialist	Troubleshooting technical issues, supporting end-users
Systems Administrator	Managing and configuring servers and networks
Network Administrator	Setting up and maintaining network systems
IT Manager	Overseeing IT projects, managing IT resources
Customer Success Manager	Ensuring customer satisfaction with products and services
Technical Account Manager	Managing client accounts, technical advising
Technical Sales Engineer	Demonstrating products to potential customers, understanding technical requirements
Product Marketing Manager	Creating marketing strategies for products
Growth Hacker	Driving product growth through unconventional marketing experiments
SEO/SEM Specialist	Optimizing content for search engines, managing search marketing campaigns
Content Manager	Creating and managing content strategy
Social Media Manager	Managing social media presence, engaging with the audience
Agile Coach	Implementing agile methodology, improving team performance
Scrum Master	Facilitating scrum practices, removing impediments for the development team
Project Manager	Planning and executing projects, ensuring deadlines are met
Program Manager	Coordinating multiple related projects
Product Owner	Defining product backlog, ensuring the development team understands project scope
Cloud Engineer	Implementing and managing cloud services
Infrastructure Engineer	Designing and maintaining IT infrastructure
Cloud Security Engineer	Securing cloud platforms and services
DevSecOps Engineer	Integrating security in the DevOps process
Quantum Computing Researcher	Advancing quantum computing technologies
Genomic Data Analyst	Analyzing genetic data for research and medical purposes
Sustainability Integration Specialist	Integrating sustainable practices into technology solutions
Frontend Architect	Establishing front-end technical standards, improving performance and scalability
Backend Architect	Designing scalable server-side architectures, optimizing databases

Cloud DevOps Specialist	Automating cloud infrastructure provisioning and management
Network Security Engineer	Securing network infrastructure, preventing unauthorized access
Database Administrator	Ensuring database integrity, performance tuning, managing data storage solutions
Technical Writer	Creating documentation for technical products, simplifying complex information
Firmware Engineer	Developing and maintaining firmware for hardware devices
Hardware Engineer	Designing and developing electronic hardware, prototyping new devices
Game Developer	Creating video games, solving problems related to game design and interactivity
E-commerce Specialist	Building and optimizing online shopping platforms
CRM Developer	Customizing CRM solutions to fit business needs, integrating with other systems
ERP Specialist	Implementing and customizing ERP systems, integrating business processes
Salesforce Developer	Developing and customizing Salesforce applications
UI/UX Developer	Bridging the gap between design and development, ensuring technical feasibility of UI/UX designs
Accessibility Specialist	Ensuring digital products are accessible to all users, including those with disabilities
Web Analyst	Analyzing website data to improve user engagement and conversions
SEO Manager	Leading SEO strategy, improving organic search performance
Email Marketing Specialist	Designing and optimizing email campaigns for better engagement
Digital Marketing Specialist	Executing and managing digital marketing strategies across various channels
Affiliate Marketing Manager	Managing affiliate programs, strategizing to increase affiliate-driven revenue
PPC Specialist	Managing pay-per-click advertising campaigns, optimizing for cost-effective results
Social Media Analyst	Tracking and analyzing social media metrics, informing strategy
Content Strategist	Developing content strategies to meet business goals, managing content lifecycles
Video Production Specialist	Producing and editing videos for marketing or internal use
Community Manager	Building and managing online communities, engaging with users
Technical Evangelist	Promoting technology products through demonstrations and presentations
Technical Recruiter	Sourcing and hiring technical talent, understanding technical job requirements
UX Copywriter	Writing clear and concise copy for user interfaces
Conversion Rate Optimization Specialist	Testing and optimizing web pages to improve conversion rates
E-Learning Developer	Creating online learning materials, applying instructional design theories
IoT Developer	Developing applications for IoT devices, ensuring interoperability
Renewable Energy System Engineer	Designing and optimizing systems for generating renewable energy
Biotech Engineer	Developing technology for use in the biological sciences

Health Informatics Specialist	Managing healthcare data, ensuring compliance with regulations
Pharmaceutical Data Analyst	Analyzing data for pharmaceutical development and marketing
Smart City Technology Planner	Integrating technology to improve urban living
AI Ethics Specialist	Ensuring AI systems are developed and used ethically
Quantum Algorithm Developer	Creating algorithms for quantum computing applications
Drone Technology Developer	Designing and developing drone technology for various applications
Voice User Interface Designer	Designing user interfaces for voice-controlled applications
Cyber Forensic Analyst	Investigating cyber crimes, analyzing digital evidence
Penetration Testing Specialist	Conducting authorized cyber attacks to identify security vulnerabilities
Incident Response Analyst	Managing the response to IT security incidents
Compliance Analyst	Ensuring technology solutions comply with laws and regulations
Virtualization Engineer	Implementing and managing virtualized environments