

Career Advice:

You have a strong foundation in both backend and frontend technologies, as well as UI/UX and basic machine learning. By bridging a few key gaps-especially in modern frameworks, mobile deployment, and ML engineering-you'll be able to access some of the most in-demand tech roles. Prioritize hands-on projects and certifications to demonstrate your expertise to employers. Continual upskilling will help you stay competitive and open doors to higher-level opportunities.

Recommended Jobs:

Full Stack Developer

Mobile Application Developer

Backend Developer

UI/UX Designer

Machine Learning Engineer

Courses:

Full Stack Open (free) - <https://fullstackopen.com/en/>

Google IT Automation with Python (free trial/paid) -

<https://www.coursera.org/professional-certificates/google-it-automation>

Android Kotlin Fundamentals (free) -

<https://developer.android.com/courses/kotlin-android-fundamentals/overview>

Introduction to React (free) - <https://react.dev/learn>

CI/CD with Jenkins (paid) -

<https://www.udemy.com/course/cicd-with-jenkins-using-pipelines-and-docker/>

Figma for Beginners (free) - <https://www.youtube.com/watch?v=FTFaQWZBqQ8>

TensorFlow Developer Certificate (paid) -

<https://www.coursera.org/professional-certificates/tensorflow-in-practice>

Azure Fundamentals (free) - <https://learn.microsoft.com/en-us/training/paths/azure-fundamentals/>

Deploying Machine Learning Models (free trial/paid) -

<https://www.coursera.org/learn/machine-learning-model-deployment-flask>

Modern React with Redux (paid) - <https://www.udemy.com/course/react-redux/>

Skill-Gaps by Job:

Full Stack Developer: React.js or Angular, Docker, CI/CD

Mobile Application Developer: Kotlin, Swift (iOS), App Store Deployment

Backend Developer: Node.js or Spring Boot, Cloud Architecture, GraphQL

UI/UX Designer: Figma or Sketch, User Research Methods, Prototyping Tools

Machine Learning Engineer: TensorFlow or PyTorch, Data Engineering, Model Deployment

8-Week Learning Plan:

Week 1: Learn a modern front-end framework (React.js or Angular).

Week 2: Practice building RESTful APIs with advanced Python frameworks (FastAPI, Django REST).

Week 3: Study containerization basics with Docker and CI/CD pipelines.

Week 4: Explore mobile development in Kotlin (Android) and Swift (iOS basics).

Week 5: Deepen understanding of cloud services, focusing on deployment with Azure.

Week 6: Learn and apply prototyping tools like Figma or Sketch for UI/UX.

Week 7: Dive into machine learning model development with TensorFlow or PyTorch.

Week 8: Build and deploy a full-stack or mobile project integrating learned skills.

Job-Market Demand:

Full Stack Developer: 9/10

Mobile Application Developer: 8/10

Backend Developer: 8/10

UI/UX Designer: 7/10

Machine Learning Engineer: 8/10

Average Salaries (INR/month):

Full Stack Developer: 12

Mobile Application Developer: 10

Backend Developer: 11

UI/UX Designer: 9

Machine Learning Engineer: 13