Career Advice:

With your strong foundation in both software development and design, you are well-positioned for versatile roles in tech. Focusing on modern frameworks and cloud-native approaches will future-proof your career and open doors to high-demand positions. Consider building a portfolio showcasing end-to-end solutions, integrating your backend, frontend, and mobile skills. Continuous learning and upskilling in emerging areas like cloud and AI will further increase your market value.

Recommended Jobs:

 Android Developer

 Full Stack Developer

 UI/UX Designer

 Machine Learning Engineer

 Cloud Solutions Architect

Courses:

 Kotlin for Android Developers (Free) - https://developer.android.com/kotlin

 Jetpack Compose Basics (Free) - https://developer.android.com/jetpack/compose/tutorial

 Full Stack Open 2024 (Free) - https://fullstackopen.com/en/

 Responsive Web Design (freeCodeCamp) (Free) - https://www.freecodecamp.org/learn/responsive-web-design/

 Introduction to Docker (Free) - https://www.coursera.org/learn/docker

 Figma for Beginners (Paid) - https://www.udemy.com/course/figma-for-beginners/

 Machine Learning by Andrew Ng (Free) - https://www.coursera.org/learn/machine-learning

 Architecting Microsoft Azure Solutions (Free) - https://learn.microsoft.com/en-us/training/paths/architecting-azure-solutions/

 React - The Complete Guide (Udemy) (Paid) - https://www.udemy.com/course/react-the-complete-guide-incl-redux/

 CI/CD with GitHub Actions (Free) - https://lab.github.com/githubtraining/continuous-integration-continuous-deployment-with-github-actions

Skill-Gaps by Job:

 Android Developer: Kotlin, Jetpack Compose, Unit Testing

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

UI/UX Designer: Figma/Sketch, User Research, Prototyping

Machine Learning Engineer: TensorFlow or PyTorch, Machine Learning Algorithms, Data Preprocessing

Cloud Solutions Architect: Cloud Security, Microservices Architecture, Terraform/Infrastructure as Code

8-Week Learning Plan:

Week 1: Learn Kotlin and explore advanced Android concepts (Jetpack Compose, MVVM).

Week 2: Dive into React.js or Angular for front-end development.

Week 3: Study Node.js basics and RESTful API integration.

Week 4: Explore Docker and basics of CI/CD pipelines (GitHub Actions).

Week 5: Practice UI/UX tools like Figma or Sketch; build a sample prototype.

Week 6: Learn basics of machine learning with TensorFlow or PyTorch.

Week 7: Study cloud architecture principles and security fundamentals (Azure, AWS basics).

Week 8: Build and deploy a full-stack project showcasing your integrated skills.

Job-Market Demand:

Android Developer: 8/10

Full Stack Developer: 9/10

UI/UX Designer: 7/10

Machine Learning Engineer: 8/10

Cloud Solutions Architect: 9/10

Average Salaries (INR/month):

Android Developer: 9

Full Stack Developer: 12

UI/UX Designer: 8

Machine Learning Engineer: 15

Cloud Solutions Architect: 18