

Career Advice:

You have a strong foundation in both backend and frontend technologies, as well as Android and UI/UX skills. Focusing on deepening expertise in modern JavaScript frameworks, containerization, and prototyping tools will unlock top jobs. Consider developing a portfolio project that demonstrates full-stack capabilities and intuitive user interfaces. Continuously update yourself with industry trends and real-world projects to stand out to employers.

Recommended Jobs:

- Android Developer
- Full Stack Developer
- Backend Developer
- UI/UX Designer
- Machine Learning Engineer

Courses:

- JavaScript Essentials (Free) - <https://www.codecademy.com/learn/introduction-to-javascript>
- React - The Complete Guide (Paid) - <https://www.udemy.com/course/react-the-complete-guide-incl-redux/>
- Docker for Beginners (Free) - <https://www.katacoda.com/courses/docker>
- Figma for Beginners (Free) - <https://www.youtube.com/watch?v=FTFaQWZBqQ8>
- Machine Learning Crash Course by Google (Free) - <https://developers.google.com/machine-learning/crash-course>
- Full-Stack Web Development with React (Paid) - <https://www.coursera.org/learn/full-stack-react>
- Microservices Fundamentals (Paid) - <https://www.pluralsight.com/courses/microservices-fundamentals>
- REST API Design Best Practices (Free) - <https://restfulapi.net/>
- UX Design Fundamentals (Free) - <https://www.coursera.org/learn/ux-design-fundamentals>

Skill-Gaps by Job:

- Android Developer: Kotlin, MVVM architecture, Jetpack Compose
- Full Stack Developer: JavaScript (ES6+), React or Angular, Node.js
- Backend Developer: Docker, Microservices, Unit Testing
- UI/UX Designer: Figma or Adobe XD, User Research, Prototyping

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

#### 8-Week Learning Plan:

Week 1: Study JavaScript fundamentals and ES6+ features.

Week 2: Learn React basics and build a simple web app.

Week 3: Explore version control best practices and advanced Git workflows.

Week 4: Deep dive into RESTful API design and security.

Week 5: Gain hands-on experience with Docker and containerization.

Week 6: Practice UI/UX prototyping using Figma or Adobe XD.

Week 7: Implement a basic machine learning model with scikit-learn.

Week 8: Build and deploy a full-stack project integrating frontend, backend, and database.

#### Job-Market Demand:

Android Developer: 8/10

Full Stack Developer: 10/10

Backend Developer: 9/10

UI/UX Designer: 8/10

Machine Learning Engineer: 9/10

#### Average Salaries (INR/month):

Android Developer: 8

Full Stack Developer: 12

Backend Developer: 11

UI/UX Designer: 8

Machine Learning Engineer: 14