Java Study Timetable

Your Schedule Analysis

- **Work**: 10 AM - 6 PM (8 hours)

- **Gym**: 1 hour

- **GF Time**: 9:30 PM - 11:00 PM (1.5 hours when she's home)

- **Study willingness**: Until 1 AM

- **Mobile Content**: 1 AM - 2 AM (relaxation)

- **Free Days**: Saturday & Sunday

Weekday Schedule (Monday - Friday)

Your Daily Schedule

Time	Activity	Duration
8:00 AM - 9:30 AM	**Java Study**	1.5 hours
9:30 AM - 10:00 AM	Get ready, commute to work	30 min
10:00 AM - 6:00 PM	Work	8 hours
6:00 PM - 7:00 PM	Commute, dinner	1 hour
7:00 PM - 8:00 PM	**Gym**	1 hour
8:00 PM - 9:30 PM	**Java/DSA Study**	1.5 hours
9:30 PM - 11:00 PM	**Quality Time with GF**	1.5 hours
11:00 PM - 1:00 AM	**Intensive Study** (Java/DSA)	2 hours
1:00 AM - 2:00 AM	**Mobile Content** (YouTube, social media)	1 hour
2:00 AM onwards	Sleep	-

Alternative Schedule (Flexible Days)

Time	Activity	Duration
8:00 AM - 9:30 AM	**Java Study**	1.5 hours
9:30 AM - 10:00 AM	Get ready, commute	30 min
10:00 AM - 6:00 PM	Work	8 hours
6:00 PM - 8:00 PM	Commute, dinner, gym	2 hours
8:00 PM - 9:30 PM	**Light Study** (videos, theory)	1.5 hours
9:30 PM - 11:00 PM	**Quality Time with GF**	1.5 hours
11:00 PM - 1:00 AM	**Intensive Coding/DSA**	2 hours

Time	Activity	Duration
1:00 AM - 2:00 AM	**Mobile Content**	1 hour

Weekend Schedule (Saturday & Sunday)

Saturday - Deep Study Day

Time	Activity	Duration	Focus
9:00 AM - 11:00 AM	**Java/DSA**	2 hours	Core concepts, problem solving
11:00 AM - 11:15 AM	Break	15 min	-
11:15 AM - 1:15 PM	**MERN Stack Practice**	2 hours	React projects, Node.js APIs
1:15 PM - 2:15 PM	Lunch	1 hour	-
2:15 PM - 4:15 PM	**Full-Stack Project**	2 hours	Build complete MERN applications
4:15 PM onwards	Personal time, gym, family	-	-

Sunday - Practice & Review Day

Time	Activity	Duration	Focus
10:00 AM - 12:00 PM	**DSA Practice**	2 hours	LeetCode, HackerRank problems
12:00 PM - 12:15 PM	Break	15 min	-
12:15 PM - 2:15 PM	**MERN Advanced Topics**	2 hours	Redux, authentication, deployment
2:15 PM - 3:15 PM	Lunch	1 hour	-
3:15 PM - 5:15 PM	**Portfolio Projects**	2 hours	Polish existing projects, new features
5:15 PM onwards	Personal time, gym, family	-	-

Dual-Track Study Plan (Java + MERN)

Phase 1: Java Fundamentals + MERN Practice (Weeks 1-3)

Weekdays (4.5 hrs/day): Intensive Java basics, OOP, collections **Weekends (6 hrs)**: MERN stack projects, React advanced patterns, Node.js optimization

Phase 2: DSA Focus + Full-Stack Projects (Weeks 4-6)

Weekdays (4.5 hrs/day): Core DSA concepts, Java problem solving **Weekends (6 hrs)**: Complete MERN applications, database optimization, deployment

Phase 3: Java Advanced + MERN Mastery (Weeks 7-8)

Weekdays (4.5 hrs/day): Java advanced topics, multithreading, design patterns **Weekends (6 hrs)**: Advanced MERN (Next.js, TypeScript, microservices)

Weekly Time Allocation

Subject	Weekday Time	Weekend Time	Total/Week
Java Fundamentals	15 hours	-	15 hours
DSA	5 hours	2 hours	7 hours
MERN Stack	-	10 hours	10 hours
Total	**20 hours**	**12 hours**	**32 hours/week**

Tips for Success

Morning Study Advantages (Recommended)

- Fresh mind, better retention

- No interruptions

- Consistent routine

- Energy levels are highest

Study Strategies

1. **Pomodoro Technique**: 25 min study + 5 min break

2. **Active Learning**: Code while learning, don't just read

3. **Consistency > Intensity**: Daily 1 hour > weekend marathon

4. **Track Progress**: Maintain a learning journal

Weekend Deep Work

- **Saturday**: Learn new concepts

- **Sunday**: Practice and build projects

- Take regular breaks every 2 hours

- Keep hydrated and well-fed

Flexibility Options

- If you miss morning study, do 30 min during lunch + 30 min evening

- Adjust weekend timings based on personal commitments

- Use commute time for revision (if using public transport)

Resource Recommendations

Java Fundamentals

- Oracle Java Tutorials

- "Head First Java" book

- Codecademy Java course

- Java documentation deep-dive

DSA

- LeetCode (daily 3-4 problems)

- "Cracking the Coding Interview"

- GeeksforGeeks

- NeetCode roadmap

MERN Stack Advanced

- React official docs (new features)

- Next.js documentation

- Node.js best practices

- MongoDB optimization guides

- TypeScript with React/Node

- Deployment: Vercel, Netlify, AWS

Dual Career Path Benefits

Full-Stack Developer (MERN Focus)

- **Frontend**: React, Next.js, TypeScript

- **Backend**: Node.js, Express, MongoDB

- **Plus Java**: Backend versatility, enterprise opportunities

Backend Developer (Java Focus)

- **Java**: Core language, Spring ecosystem

- **DSA**: Strong problem-solving skills

- **Plus MERN**: Modern web development understanding

DevOps/Full-Stack

- **Java**: Enterprise backend systems

- **MERN**: Modern web applications

- **DSA**: System design and optimization

Success Metrics

- **Daily**: Complete planned study hours
- **Weekly**: Finish assigned topics
- **Monthly**: Build one complete project
- **90 Days**: Job-ready portfolio with 3-4 projects