Yogesh Yadav

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Metallurgical and Materials
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (Materials)	Indian Institute of Technology, Jodhpur	7.26/10.0	2021-2025
Senior Secondary	RBSE Board	89.8%	2020
Secondary	RBSE Board	85.17%	2018

EXPERIENCE

- **Android Development Intern** — *Jun. 2023 - Jul. 2023*
  DevMan Pvt. Ltd. — New Delhi, Remote
  Java, Firebase, Google Maps SDK, XML, REST API
  - Frontend and backend development of Driver and Admin app for the Car rental android application.
  - Integrated Razorpay Payment Gateway with 3 payment methods and **Google Maps API** with 5 functionalities like displaying route, location markers.
  - Implemented 2 **Foreground Services** for location updates every 15 seconds and processing incoming ride requests to the driver within a response time of 2 seconds.
  - Efficiently managed available drivers and cabs through admin app, including 4 key features for efficient management and monitoring.

PROJECTS

- **Sudoku Game** — *Aug. 2023 - Oct. 2023*
  Kotlin, Firebase, XML, MVVM — (Github) | (Play Store)
  - Built complete application based on **MVVM architecture**, **Room database** for local storage.
  - Enhanced the gameplay by adding 3 game helpers and implementing 4 difficulty levels.
  - Implemented **Google AdMob** and 4 in game features - undo, erase, pencil notes and hints.
  - Deployed on play store with more than 10 downloads and average rating of 4.8.

- **e-commerce Application** — *Mar. 2022 - Jun. 2022*
  Java, Firebase, XML, REST API — (GitHub)
  - Users can browse through more than 20 products of the shop according to his city(on the basis of PIN code) and can order them from shop of his choice.
  - Facilitated smooth 2 step registration process and cart management with all products of shops.

- **Shopping app backend** — *Mar. 2024*
  Java, Spring Boot, Spring MVC, MySQL, Azure — (GitHub) | (Link)
  - Developed 8 API endpoints for inventory, users, orders, and transactions, storing them in Azure MySQL Database with a capacity of 20GB.
  - Deployed on Microsoft Azure web app service with average response time of 1.2 seconds and maximum of 2 seconds.

KEY COURSES TAKEN

- Data Structures and Algorithms, Introduction to Computer Science, Introduction to Machine Learning, Materials at Equilibrium, Material for Energy Conversion and Storage

CERTIFICATIONS

- **Advanced Android Bootcamp** Udemy
- **Java Spring Framework 6** Udemy

TECHNICAL SKILLS

- **Skills:** Application Development, Data Structures and Algorithms
- **Languages:** Java, Kotlin, SQL, HTML, CSS, Javascript
- **Frameworks:** Spring Boot, Spring MVC
- **Tools** Git, GitHub, Firebase, Android Studio, REST API

EXTRA CURRICULAR ACTIVITIES

- Member of Aaftaab. — *Sept. 2022 - Oct. 2022*
- Secured **2nd position** in inter departmental hackathon in app development — *Mar. 2023*
- Qualified internal hackathon for SIH 2022