



# Harman Singh

Strong experience in full-stack development, machine learning, and Android application development, applying analytical thinking and project leadership to deliver practical, real-world software solutions.

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## EXPERIENCE

### TATA AIA LIFE INSURANCE | AI/ML INTERN

June 2025 – July 2025

- Built machine learning models to predict insurance coverage amounts using 10+ customer attributes.
- Executed data preprocessing, feature engineering, and model evaluation on structured datasets.

### YUGASA SOFTWARE LABS | WEB DEVELOPER INTERN

July 2025 - August 2025

- Built 3+ web application features using Node.js and PHP technologies.
- Contributed to front-end and back-end development across 3+ application modules.

### ACADEMIC PROJECT | TEAM LEAD

December 2024

- Led a team of 4 to design and deliver full-stack and IoT-based academic projects.
- Coordinated task allocation, system integration, and final project delivery.

## PROJECTS

### FULL-STACK E-COMMERCE WEB APPLICATION (FREAKS-CORNER) | MERN STACK

(MONGODB, EXPRESS.JS, REACT, NODE.JS)

2024

- Built a full-stack e-commerce web application with 4+ core features using the MERN stack and RESTful APIs.
- Designed scalable CRUD operations to manage products, users, and orders efficiently using MongoDB.

### AUTOMATIC ATTENDANCE SYSTEM (FACE RECOGNITION) | PYTHON, OPENCV

2025

- Developed an automated attendance system using face recognition with OpenCV for real-time user identification.
- Implemented data storage and reporting features to log attendance efficiently.

### JOB SEARCH MOBILE APPLICATION | ANDROID, KOTLIN

2025

- Developed an Android-based job search application for browsing and applying to job listings.
- Implemented user-friendly interfaces with backend integration to manage job data.

## CERTIFICATIONS

- Introduction to Generative AI and Large Language Models — Google Cloud; Generative AI and Agents — Microsoft.
- Data Analytics with Python — IBM SkillsBuild; Android App Development — Google Developers.

## SKILLS

### PROGRAMMING

C • C++ • JavaScript • Python  
• SQL • HTML • CSS • Dart

### LIBRARIES / FRAMEWORKS

Node.js • Express.js • MongoDB • MySQL

### TOOLS / PLATFORMS

Visual Studio Code • Git • Android Studio • SSMS • Cisco Packet Tracer

## EDUCATION

### RPS INTERNATIONAL SCHOOL

SENIOR SECONDARY EDUCATION  
(PHYSICS, CHEMISTRY, MATHEMATICS)

Graduated: 2023 | Gurugram

10th Percentage: 92.8 %

12th Percentage: 75.2 %

### BML MUNJAL UNIVERSITY

BACHELOR'S IN COMPUTER SCIENCE  
AND ENGINEERING

Expected Graduation: 2027 | Gurugram

## INTERESTS / Hobbies

- Full-stack web development and exploring emerging technologies.
- Android application development and problem-solving.
- Music production.