# Aryan Mittal

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## Professional Summary

Technology Intern / Software Engineering Fresher with strong foundations in **Java 1.8+**, **JavaScript**, and **full stack development**. Experienced in building **RESTful web services** and **microservices-based applications** using **Node.js, Express.js, and React.js**. Solid understanding of **Data Structures and Algorithms**, **software engineering principles**, and the complete development lifecycle including **requirement analysis, testing, deployment, and version control**.

## Education

**Chitkara University, Himachal Pradesh, India**
Bachelor of Engineering in Computer Science                                Aug 2023 – Present
**CGPA: 8.89**

## Projects

**CryptoFlux – Real-Time Crypto Analytics Application**                                Live Link
*React.js, Node.js, Express.js, MongoDB, RESTful Web Services*

- Designed and developed a full stack web application to process real-time market data.
- Built scalable **RESTful web services** with validation, error handling, and modular design.
- Improved performance and ensured **mobile-responsive UI components**.

**BachatSaathi – Personal Finance Management System**                                Live Link
*MERN Stack, JWT Authentication*

- Developed a secure full stack application for expense tracking and financial planning.
- Implemented **JWT-based authentication** and role-based API access.
- Worked across **business requirement understanding, development, testing, and deployment**.

**Airline Reservation System - Advanced Flight Booking System**                                GitHub
*Java 1.8+, JDBC, MySQL*

- Developed a Java-based backend system for flight search, booking, and user management.
- Designed relational database schemas and implemented secure data access using JDBC.
- Applied **data structures and algorithms** to optimize booking workflows and system performance.

## Technical Skills

**Programming Languages**: Java 1.8+, JavaScript, SQL, Shell Scripting (Basic)
**Web & Backend**: Node.js, Express.js, React.js, RESTful Web Services, Microservices, HTML5, CSS
**Databases**: MySQL, MongoDB
**Tools & Platforms**: Git, Version Control, Postman, Docker, Swagger, Azure DevOps (Basic)
**Core Concepts**: Data Structures and Algorithms, Software Engineering, Testing, Deployment, DBMS

## Soft Skills

- Strong problem-solving and analytical thinking
- Fast learning ability and adaptability
- Understanding of business requirements
- Effective communication and teamwork
- Ownership mindset and accountability
- Ability to work in fast-paced environments

## Achievements

- Google Cloud Study Jam – Hands-on exposure to cloud fundamentals and deployment concepts.
- Naukri Campus Young Turks – National-level recognition for aptitude and technical problem-solving.