ARNAV SHARMA
SOFTWARE DEVELOPER

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OBJECTIVE

Java Backend Developer with hands-on experience in **Java, Spring Boot, REST API development, SQL, and backend system design.** Skilled in developing **end-to-end backend services using controller, service, and repository layers.** Familiar with **CI/CD pipelines, Docker, unit testing, Agile methodology, and database-driven applications.** Strong foundation in **OOP, DBMS, Software Engineering, and scalable application development**, aligned with enterprise digital banking systems.

EDUCATION

Harcourt Butler Technical University (HBTU)   **Kanpur, India**
B.Tech. in ECE; Minor in BA   *Graduation: 2026*
- **CGPA:** 7.0/10
- **Relevant Coursework:** Artificial Intelligence, Data Structures and Algorithms, Database Management System, Object-Oriented Programming, Operating Systems, Computer Networks, Software Engineering

TECHNICAL AND SOFT SKILLS

- **Programming Languages:** Java, Python, JavaScript, SQL
- **Backend & Frameworks:** Spring Boot, REST APIs, Microservices Architecture, Hibernate
- **API Development:** Backend Endpoints, CRUD APIs, API Integration, Layered Architecture
- **Databases:** Oracle Database (SQL), MySQL, MongoDB
- **Testing & Quality:** Unit Testing, Test-Driven Development (TDD), Debugging
- **DevOps & Deployment:** CI/CD Pipelines, Docker, Kubernetes (basic understanding)
- **Development Practices:** Agile Scrum, SDLC, Configuration Management, Version Control

EXPERIENCE

Micro Internship   **September 2025 - October 2025**
J.P. Morgan (Forage)   *(Certificate)*
- Engineered 5+ RESTful microservices using **Java and Spring Boot** with CRUD APIs and service layers.
- Applied object-oriented design, clean architecture, and participated in **Agile ceremonies** and code reviews.
- Utilized **Jira** for sprint tracking, issue resolution and defect management across 2 Agile sprints.
- Managed Git-based version control and **CI/CD pipelines** for automated builds, testing and deployment.

Summer Intern   **June 2025 - July 2025**
Airports Authority of India   *(Certificate)*
- Analyzed and processed 10,000+ operational records using **SQL** to support system monitoring and reporting.
- Designed 3+ structured **data pipelines and analytical workflows** to improve operational efficiency.
- Built 4+ **Power BI** dashboards and assisted in troubleshooting system issues through data analysis.

PROJECTS

Drive Pay Management System | Spring Boot, MySQL, React   **(GitHub) | (Live)**
- Solved manual payment tracking by building a centralized system handling **100+ transaction records**.
- Implemented 6+ **end-to-end backend services** using Spring Boot with controller, service, and repository layers.
- Designed and deployed 10+ **secure REST APIs** for users, transactions, and reporting modules.
- Leveraged **unit testing, exception handling, and layered architecture** to improve API reliability and scalability.

Heart Disease Prediction | Scikit-learn, Pandas, Matplotlib   **(GitHub) | (Live)**
- Addressed **early heart disease risk detection** by analyzing 900+ structured patient health records.
- Constructed **data preprocessing, feature engineering, and model evaluation pipelines with 15+ attributes.**
- Executed **SQL-based data extraction and transformation workflows** for clean datasets.
- Applied **testing, validation, and performance analysis techniques** to achieve a model accuracy of 91 percent.

ACHIEVEMENTS

- **LeetCode (Rating: 1723):** Solved 300+ problems, demonstrating mastery in **Data Structures and Algorithms.**
- **Competitive Programming:** Active participant on **GfG and HackerRank**, focusing on algorithmic problem-solving.
- **McKinsey Forward Program 2025:** Selected for a leadership cohort focusing on **structured problem-solving.**
- **Deloitte Virtual Internship (2025):** Executed Software Engineering micro-internship.
- **Certifications:** Oracle Cloud Infrastructure Generative AI Professional; Oracle Cloud Infrastructure Data Science Professional; Complete AI & Machine Learning Bootcamp (Udemy); Java Programming (Amigoscode); SQL for Data Analytics (Udemy).