Bavesh Kolli

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SUMMARY

Software Developer with 1+ year of hands-on experience through a full-stack development internship and academic projects. Proficient in Java, Spring Boot, REST APIs, JavaScript, and SQL, with experience developing backend services and integrating frontend components. Strong understanding of object-oriented programming, Agile methodologies, and relational databases, with growing exposure to cloud and DevOps concepts.

EXPERIENCE

JAVA FULL STACK DEVELOPER INTERN – TALENT SPRINT   *SEP 2021- AUG 2022*

Roles & Responsibilities:

- Developed and enhanced full-stack web applications using Java and Spring Boot for backend services and JavaScript for frontend functionality.
- Designed and implemented RESTful APIs to support core application features and enable seamless communication between frontend and backend layers.
- Used MySQL Workbench to design database schemas, create tables, and write optimized SQL queries for CRUD operations.
- Implemented backend business logic, input validation, and error handling to ensure reliable and secure application behavior.
- Built and modified frontend components using HTML, CSS, and JavaScript, focusing on usability and responsive design.
- Integrated frontend UI components with backend APIs using HTTP requests and JSON data formats.
- Used Visual Studio Code as the primary development environment for frontend and backend code implementation.
- Performed functional testing and basic debugging to identify and resolve issues across the application stack.
- Followed Agile development practices, including daily stand-ups, task tracking, and iterative feature development.
- Collaborated with mentors and team members to understand project requirements and improve code quality through feedback.
- Maintained basic technical documentation explaining application features, database design, and API endpoints.

EDUCATION

Master's in Information Systems   *AUG 2023 – MAY 2025*

CLEVELAND STATE UNIVERSITY , CLEVELAND OH

- Major: Information Systems.
    - GPA: 3.5

SKILLS

- **Programming Languages**: Java, Python, JavaScript, SQL
- **Data Analysis & Engineering:** Pandas, NumPy, Spark (basic), ETL, Data Cleaning & Transformation.
- **Full-Stack & APIs:** RESTful APIs, Service-oriented architectures, Application integration.
- **Databases**: MySQL, PostgreSQL, Relational data modeling.
- **Cloud Services**: WS (foundational exposure), deployment & monitoring concepts.
- **Visualization & Reporting:** Tableau, Power BI.
- **Tools/Environments**: VS Code, Jupyter Notebook, Git, Linux (basic).
- **Software Engineering:** SDLC, Object-Oriented Design, Data Structures, Algorithms.

Academic Project

Retail Sales Performance Dashboard | Tableau, Data Visualization, Business Intelligence

Cleveland State University – IST 615 Business Intelligence Systems

- Designed an interactive dashboard analyzing 4 years of retail sales data (2011–2014).
- Tracked KPIs including sales, profit, inventory levels, customer loyalty, and regional performance.
- Identified high performing and underperforming product categories and provided actionable recommendations.
- Analyzed customer behavior trends and proposed strategies to improve retention and profitability.

ERPSim Analytics with SAP HANA

ERP Simulation | Data Analytics

- Conducted ERP simulations analyzing valuation, profitability, debt, pricing, inventory, and production efficiency.
- Evaluated multiple team strategies and identified optimal operational and financial outcomes.
- Analyzed customer purchasing patterns to identify demand trends and sales improvement opportunities.

Personal Project

Full-Stack Web Application :

- Designed and implemented backend services and REST APIs using Java and Spring Boot.
- Built frontend components and integrated them with backend APIs to support end-to-end workflows.
- Deployed application components to cloud infrastructure and tested application behavior in a production-like environment.
- Followed Agile practices including incremental development and documentation.

Certifications

- AWS Technical Essentials
- AWS Cloud Practitioner Essentials.
- Java Full Stack Developer
- APSSDC Python online certification course.