Aditya Joshi

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Education

SDM College of Engineering and Technology, Dharwad — Dharwad, India
Bachelor of Engineering in Computer Science – CGPA: 8.5/10 — *July 2021 – June 2025*

Technical Skills

Languages: Java, Python, JavaScript, C, SQL
Frontend: Angular, HTML, CSS, jQuery, AJAX, Bootstrap
Backend & Databases: Spring Boot, FastAPI, PHP, Servlet, JDBC, PostgreSQL, MySQL
Frameworks & Tools: TensorFlow, PySpark, LangChain, LangGraph, RAG, Databricks, Git, MVC Architecture
Core Competencies: Data Structures & Algorithms, REST APIs, Machine Learning, Full-Stack Development, Agile

Experience

Software Development Engineer Intern — October 2025 – Present
HashedIn by Deloitte — *Bengaluru, India*

- Developed full-stack features using Angular, Spring Boot, and PostgreSQL; optimized REST APIs to improve data retrieval performance by implementing efficient query patterns and caching strategies
- Processed and analyzed large-scale datasets using Databricks and PySpark, applying transformations and aggregations to support business intelligence requirements
- Built an LLM-based intelligent agent using LangChain, LangGraph, and RAG to analyze codebases from Git repositories and ZIP files, enabling automated code review and documentation generation
- Integrated UI components with backend services, built reusable Angular components, and maintained code quality through Git workflows, clean code principles, and Agile methodologies

Projects

Customer & Inventory Management Web App | *PHP, MySQL, jQuery, Bootstrap, MVC* June 2024 – Nov 2024

- Architected and deployed a full-stack web application for a water purifier company using MVC architecture, streamlining user management and inventory operations across multiple locations
- Implemented dynamic inventory tracking with DataTables enabling real-time search, filtering, and pagination for efficient stock management; reduced manual processing time by 60%
- Designed normalized database schema and optimized MySQL queries for enhanced data retrieval and reporting capabilities

Plant Leaf Disease Detection ML System | *Python, TensorFlow, CNN, Streamlit* Nov 2023 – June 2024

- Developed CNN-based deep learning model for multi-class plant disease classification achieving 94% validation accuracy on 10,000+ leaf images across 15 disease categories
- Engineered data preprocessing pipeline with image augmentation techniques (rotation, flipping, scaling) to improve model generalization and reduce overfitting by 18%
- Built interactive Streamlit web interface integrating trained model for real-time disease detection with confidence scores and treatment recommendations

HitMe - Interactive Game Application | *Java, Swing, JDBC* Nov 2022 – June 2023

- Designed and implemented space-themed game with dynamic difficulty scaling, featuring multi-threaded object generation and collision detection algorithms
- Integrated JDBC for persistent score tracking and player statistics; implemented leaderboard system with SQL queries for ranking and historical data analysis

Achievements & Certifications

Problem Solving: Active on LeetCode with consistent practice in data structures and algorithms
Certifications: Foundations of Cybersecurity (Google Career Certificates)
Academic Excellence: 90.16% in 12th Grade, 86.48% in 10th Grade