

HARISH ANAND

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PROFESSIONAL SUMMARY

Innovative Software Engineer with 2+ years of professional experience in building scalable, high-performance applications. Expertise in Java, Spring Boot, and MySQL, with additional proficiency in full-stack development, cloud technologies, and AI-driven data analysis. Skilled in leveraging OpenAI's LLMs for actionable insights and collaborating in Agile teams to deliver efficient solutions. Passionate about integrating cutting-edge technologies to solve real-world challenges and dedicated to continuous learning and professional growth.

EDUCATION

The University of Georgia

M.S. in Computer Science (GPA: 3.90/4.00)

January 2023 – December 2024 | Athens, GA

Bannari Amman Institute of Technology

B.E. in Electronics and Communication Engineering (GPA: 9.16/10.00)

August 2017 – May 2021 | Tamil Nadu, India

PROFESSIONAL EXPERIENCE

Accenture Solutions Private Limited

Application Development Associate

August 2021 – December 2022 | Chennai, Tamil Nadu, India

- Developed and maintained CRM, service provisioning, and billing systems using Java, Spring Boot, and MySQL, delivering robust enterprise solutions for a major telecommunications client.
- Designed and integrated RESTful APIs to optimize payment workflows and enhance system interoperability, reducing manual intervention.
- Authored and optimized JUnit test cases, improving test coverage, stability, and reliability of both legacy and new features.
- Leveraged Jira within an Agile framework to manage sprints, track tasks, and ensure timely delivery of project milestones.
- Enhanced application performance by resolving bottlenecks, optimizing query execution, and fine-tuning Spring Boot configurations, achieving a 15% improvement in response times.

PROJECT EXPERIENCE

Cinema Booking Application

January 2023

- Built backend services for user authentication, movie management, and promotions using Java, Spring Boot, and MySQL.
- Designed a normalized MySQL database schema following ACID principles for efficient and

secure operations.

- Created RESTful APIs and implemented Spring Security for role-based access control, ensuring secure handling of sensitive operations like payment processing.

E-Commerce Platform

August 2023

- Developed backend functionality for authentication, product management, shopping cart, and order processing using Java and Spring Boot.
- Optimized MySQL database schemas using BCNF and 3NF decomposition, improving query performance by 25% during peak traffic.
- Integrated third-party payment gateways to securely handle transactions, adhering to encryption and compliance standards.

Online and Offline Learning Impacts on Student Grades

March 2024

- Analyzed the relationship between digital tool usage and academic performance using Python and Pandas.
- Utilized OpenAI's LLMs to automate complex data analysis and generate actionable insights.
- Built predictive machine learning models for forecasting academic outcomes based on historical data.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C, C++

Frameworks & Tools: Spring Boot, Spring Security, Hibernate, JUnit, Maven, Apache Tomcat, Docker, Kubernetes, Jenkins

Web Development: HTML5, CSS3, Bootstrap, RESTful APIs

Database Management: MySQL, Oracle

Cloud & DevOps: AWS (EC2, S3, IAM), Docker, Kubernetes

Version Control: Git, GitLab

Other Tools: Jira, Apache Maven

CERTIFICATIONS

- AWS Solutions Architect Associate – Amazon (November 2024)
- DevOps Tools and AWS for Java Microservice Developers – Udemy (June 2024)
- Generative AI for Everyone – Coursera (May 2024)