

IBRAHIM PASHA J

Aspiring Software Development Engineer | Java | Spring Boot | React | Full-Stack Developer
Bengaluru, India | [+91 7975055697](tel:+917975055697) | ibrahimpasha.j26@gmail.com | [IbrahimPashaj26](#) | [Ibrahim Pasha J](#)

Summary

MCA 2025 candidate and backend-focused Software Engineer with hands-on experience in designing and deploying microservices using Java, Spring Boot, and MongoDB. Skilled in RESTful API development, API documentation (Swagger, Postman), testing with JUnit, and applying Agile best practices. Familiar with CI/CD pipelines, performance optimization, and scalable cloud-based architectures. Passionate about building robust and reliable enterprise-grade backend systems.

Experience

- Karnataka State Council for Science and Technology (KSCST), Bengaluru, Karnataka****May 2025 - Present**
- Software Engineer Intern (Full-Stack) – KSCST, Bengaluru
- Designed and developed Spring Boot microservices to support training modules for 500+ users.
 - Created and maintained REST APIs with JSON responses; documented endpoints using Swagger.
 - Implemented user authentication and secure data access using JWT.
 - Wrote unit and integration tests using JUnit and Mockito, ensuring 90% code coverage.
 - Used Postman for API testing and validation.
 - Collaborated with a 3-member Agile team through stand-ups, retrospectives, and sprint demos.
 - Identified and optimized slow database queries using indexes in MongoDB and MySQL.

Education

- New Horizon College of Engineering, Bengaluru****Master of Computer Applications (MCA)**
- CGPA 8.13 (Pursuing, 2023 - 2025)
- Government First Grade College, Kr Puram****Bachelor of Computer Applications (BCA)**
- CGPA 8.76 (2019 - 2022)

Technical Skills

- Languages: Java, Python, C++, HTML, CSS
- Frameworks: Spring Boot, Hibernate, JPA
- Databases: MySQL, MongoDB (NoSQL), PostgreSQL
- Cloud/DevOps Tools: Git, Maven, Jenkins, Docker (Basics), CI/CD (Exposure)
- API: REST APIs, JWT Authentication, Swagger, Postman
- Testing: JUnit, Mockito, Unit Testing, Integration Testing
- Other: Agile/Scrum, Microservices, System Design, Debugging, SDLC, Version Control

Projects

- Tender Booking Management System****August 2023 – December 2023**
- MCA Semester Project
- Built a secure web application using Spring Boot, Java, and MySQL with JWT-based auth.
 - Applied Spring Security for access control and reduced unauthorized logins by 30%.
 - Designed responsive UI with HTML, CSS, JS for cross-device compatibility.

- AlumniNexus****January 2024 – May 2024**
- MCA Semester Project
- Developed alumni portal with Spring Boot and MySQL backend.
 - Achieved 90+ Lighthouse performance score and optimized Hibernate queries by 10%.

Certifications

- *The Joy of Computing using Python*, IIT Madras (NPTEL), 2024 – 76% (Elite)
- *Data Structures & Advanced DSA*, Infosys Foundation (Aspire for Her), 2024

Publications

- Crop Yield Prediction using Advanced Deep Learning Techniques****March 2025**
- Intelligent Computing and Control Systems (ICICCS 2025)