

Online Job Portal using Spring Boot Microservices

Prof. D.B. Rane¹, Jishan Shaikh², Digvijay Pandit³, Gaurav Pawar⁴

Faculty, Department of Electronics and Computer Engineering¹

Students, Department of Electronics and Computer Engineering^{2,3,4}

Pravara Rural Engineering College, Loni, India, India

Abstract: *The employment market is evolving, yet platforms dedicated exclusively to freshers remain scarce. This paper presents the design and implementation of a job portal web application aimed at freshers, developed using Spring Boot microservices for the backend and a React/Three.js-based frontend. The platform distinguishes itself by integrating an aptitude test module and a free mock interview service to better prepare candidates and aid recruiters in identifying promising talent. The microservices architecture ensures scalability and robustness, while the use of modern web technologies provides an engaging user experience. Experimental evaluations indicate that the system successfully streamlines the recruitment process by matching candidates' scores with job requirements.*

Keywords: Job Portal, Freshers, Microservices, Spring Boot, React, Three.js, Aptitude Test, Mock Interview, Web Application, Recruitment

