

NIKHIL PANWAR

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Java Backend Developer | Full-Stack Developer

Full-Stack Developer with hands-on experience building Angular and Spring Boot applications through real-world projects and internship experience.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript

Frontend: Angular, HTML5, CSS3, TailwindCSS, Responsive Design

Backend: Spring Boot, REST APIs, Microservices, MVC Architecture, JWT Authentication

Database: PostgreSQL, MySQL

Testing & Automation: Playwright, Automated Testing

Tools & DevOps: Git, GitHub, Postman, Swagger, Linux

Concepts: Object-Oriented Programming (OOP), API Integration, Agile/Scrum, SDLC, Debugging

WORK EXPERIENCE

Full-Stack Developer Intern — OctaNet Services Pvt. Ltd.

Jun 2024 – Jul 2024 | Bhubaneswar, Odisha

- Developed and optimized full-stack modules using **Angular and Spring Boot**, improving dashboard responsiveness and usability.
- Designed and implemented **REST APIs** supporting CRUD operations and secure authentication workflows.
- Integrated **PostgreSQL** database and optimized SQL queries, improving backend response performance.
- Collaborated in an **Agile development environment**, participating in Git-based workflows, code reviews, and component testing.
- Assisted in debugging and improving application stability across frontend and backend services.

PROJECTS

AI SaaS Testing Automation Platform | Live Link

Tech Stack: Angular, Spring Boot, Flask, PostgreSQL, Playwright

- Built an AI-powered testing platform that generates and executes **Playwright automation scripts** from user-provided URLs.
- Deployed Angular frontend (Netlify) and Spring Boot backend & Flask backend (Render).
- Implemented REST APIs, JWT authentication, and PostgreSQL integration.
- Created dashboard for real-time test execution monitoring and history management.
- Implemented AI-driven testing system featuring **bug detection, intelligent recommendations, application health scoring**, and a comprehensive results dashboard displaying execution **logs, generated scripts, and detailed test outcomes** for improved debugging and analysis.

Personal Portfolio Website | Live Link

Tech Stack: HTML, CSS, JavaScript

- Designed and developed a responsive personal portfolio showcasing projects and technical skills.
- Implemented cross-browser compatible UI and optimized performance.
- Deployed application using Netlify.

EDUCATION

Master of Computer Applications (MCA) — Uttarakhand University, Dehradun

2023 – 2025

Bachelor of Computer Applications (BCA) — GL Bajaj Institute of Management, Greater Noida

2020 – 2023

CERTIFICATIONS & ACTIVITIES

- Introduction to SQL – Simplilearn | Feb 2026
- INeuron.ai Certification | Tech-A-Thon Participation (2022)