Abhisek Mohanty
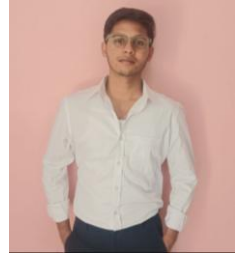
mohantyabhisek@hotmail.com | (+91) 9439485166 | Jagatsinghpur, Odisha

LinkedIn | GitHub | Portfolio | WhatsApp | Email

OBJECTIVE

I am a dedicated and versatile Full Stack Java Developer with experience in building robust and scalable web applications using technologies like Spring, Spring Boot, Microservices, React, and Angular. My focus has been on accumulating diverse experiences and creating impactful projects. I am now eager to contribute my expertise and continue my professional growth within a dynamic organization that values innovation and collaboration. My goal is to enhance my existing skills while facing new challenges and opportunities for continuous learning and development.

EDUCATION

QUALIFICATION	INSTITUTE/SCHOOL	BOARD	PERCENTAGE/ CGPA
Bachelor of Technology	GIET University, Gunupur, Raygada	GIETU	7.03 CGPA
12th	Swami Vivekananda Memorial Collage, Jagatsinghpur	CHSE	86.88%
10th	Saraswati Vidya Mandir, Gatiroutpatna, Cuttack	BSE	80%

INTERNSHIPS

- PROJECT INTERN at **Elan & nVision IIT Hyderabad, RemarkSkill** Education May 2022 - Jun 2022. Worked on a project "Student Information Management System" with Java, Swing, JDBC.
- Internship with CRAW Security on Ethical Hacking and Penetration Testing**.**

TECHNICAL SKILLS

- Programming Languages: **JAVA**, Python, **JavaScript**, **Typescript**, C, C++, HTML, CSS
- Backend Technologies: Spring, **Spring Boot**, **Microservices**, Servlets, Express, **Next.js**
- Client-side Technologies: **Angular**, **React**, **Thymeleaf**, JSP, Java Swing, JavaFX
- Dev-Ops Technologies: **Docker**, **Git and GitHub**, Cloud Deployment, Kubernetes, DNS
- Databases: MySQL, MongoDB, PostgreSQL
- Testing: **JUnit 5, Mockito, Postman**, Jest

PROJECTS

- ❖ **E-Commerce (Microservices)** GitHub
  - This is the most advanced project of mine to now. This application is built with a Microservices architecture. It has the implementation of an Authorization Server as a separate service, which provides authentication for all other services. It follows OAuth2 Authorization Code Flow (PKCE) and

supports Opaque token. The API Gateway has some complex routing and request modification to match requirements. There is the implementation of other cloud concepts like Service Discovery, Config Server and Service Monitoring.

- There is a Payment Server which manages payment and has a virtual implementation of Webhooks. Along with that, it has its own security implementation and does not share security from the Authorization server.
- In the Dev-Ops, each service, along with MySQL and MongoDB, is containerized with Docker. For Container orchestration, Networking and Persistent Data Storage, Kubernetes is used. Again, for build automation and task management, I have used NPM and JavaScript.

❖ **E-Commerce (Full Stack)** [GitHub](#)

- This is a full-stack e-commerce application and is separate from the previous one. It has user authentication with JWT, cart, order, admin, and managing dashboard features. It follows the standard e-commerce application flow.
- The application has a Spring Boot Api, Angular frontend, and MySQL database. Networking, Data Persistence and Deployment are managed by Docker.

❖ **Snippet Saver (Full Stack)** [GitHub](#)

- The purpose of the website is to provide developers from across the world with access to code snippets that assist during coding and building projects. This web application is like a social media platform for coders, where code snippets are shared instead of images, videos, and media.
- This application has a Spring Boot backend Api and the Api is consumed by the React frontend. The React frontend integrates with the Microsoft Monaco Editor API to provide a code editor. All the application is containerized with Docker.

❖ **Snippet Saver (Microservices)** [GitHub](#)

- This is a separate application which is built with Microservices architecture and implements Cloud concepts like API Gateway, Routing, Authorization Server(non-standard), Service Discovery, Config Server. The code base is with Spring Boot.

❖ **Portfolio Website** [GitHub](#) | [Visit](#)

- This is my portfolio application. All the content rendering on the page is dynamic because I have a managing dashboard on my system for the application through which I upload or delete my projects.
- The whole application is made up of Spring MVC and MongoDB as a database. I have containerized this using Docker and deployed it using Render.com.

❖ **FAKE STORE API (Client)** [GitHub](#) | [Visit](#)

- There is an API that is very popular, named FakeStoreApi. This provides an abstract API for creating a client application. I have created the client application using Angular and Material Angular library. It has a very classic UI. Along with it, I have created its Documentation which defines my documentation writing skills. This is deployed on GitHub Pages.

- ❖ **Avyakt** GitHub | Visit

  - Avyakt is one of the technical events of our department. So, I have created my version of the website using the already existing website and deployed it on GitHub Pages. This is an Angular application with premium UI things like Parallax Scrolling, Hover Dropdown.

- ❖ **Mini Open Source projects-** There are a lot of open source mini projects built by me. Some of those are Bank Management, Chat App, Developer's Life, Tech Blog, etc. All these applications are built with Java. I have made these apps at the beginning of my journey.

ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- **NPTEL** certifications of **Programming in Java, Data Structure and Algorithms using Java, Cyber Security and Privacy, Database management system, Joy of Computing Using Python** and **Software Testing.**

- Worked as a **Backend Developer** for my university's annual festival website, Shrujan. I have implemented some core features like event management, event registration, real-time mail sending, JWT and role-based security. Some advanced features like caching using Redis, Asynchronous request execution, real-time messaging using web sockets and rate-limiting.

SKILLS AND ABILITIES

- Always curious to learn and quick learning ability.
- Good Communication and analytical skills.
- Good Democrat leader who shares friendship with all members.
- Graphic Designing using Figma, Canva, Photoshop.
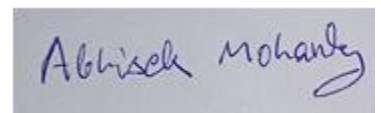- Documentation Writing, Content Writing.

Personal Information

Date of Birth: 01/02/2004

Gender: Male

Nationality: Indian

Languages: English, Hindi, Odia.