

Abhisek Mohanty

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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
12 th	Swami Vivekananda Memorial Collage, Jagatsinghpur	CHSE	86.88%
10 th	Saraswati Vidya Mandir, Gatroutpatna, 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 Under **CRAW Security** on Ethical hacking and Penetration testing.

TECHNICAL SKILLS

- Programming Languages : **JAVA**, Python, JavaScript, **Typescript**, C, C++, HTML, CSS
- Server-side Technology : Spring, **Spring Boot**, **Microservices**, Servlets, Express
- Client-side Technology : **Angular**, React, **Thyme leaf**, JSP, Java Swing, JavaFX
- Dev-Ops : **Docker**, **Git and GitHub**, Cloud Deployment, Kubernetes, DNS
- Build Tools : **NPM**, **Gradle**, Maven
- Databases : MySQL, MongoDB
- Testing : **JUnit 5**, **Postman**, Jest

PERSONAL PROJECTS

❖ E-Commerce (Microservices) [GitHub](#)

- This is the most advanced project of me till now. This application is built with **Microservices** architecture. It has implementation of 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 implementation of other cloud concepts like Service Discovery, Config Server, Service Monitoring.

- There is a **Payment Server** which manages payment and has virtual implementation of **Webhooks**. Along with that It has its own security implementation and do not share security from Authorization server.
- In the Dev-Ops each service along with MySQL and MongoDB are containerized with **Docker**. For **Container orchestration, Networking, Persistent Data Storage Kubernetes** is used. Again, for build automation and task management I have used **NPM** and **JavaScript**.
- Features to be added (currently working): Wallet, Customer Chatting, Notification by Message Broker

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

- This is a full stack e-commerce application and separate from the previous one. It has user authentication with JWT, cart, order, admin, managing dashboard features. It follows the standard e-commerce application flow.
- The application has a **Spring Boot** Api, Angular frontend, **MySQL** database. Networking, Data Persistency and Deployment is 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 **Spring Boot** backend Api and the Api is consumed by **React** frontend. The React frontend integrates with **Microsoft Monaco Editor API** to provide 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 database. I have containerized this using **Docker** and deployed using **Render.com**.

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

- There is an API which is very popular named FakeStoreApi. This provides an abstract API for creating 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 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 Opensource projects**- There are lot of opensource mini projects build 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 in the beginning of my journey.

ACHIEVEMENTS AND EXTRA CURRICULAR ACTIVITIES

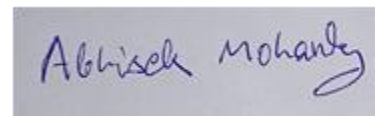
- NPTEL certifications of **Programming in Java, Cyber Security and Privacy, Database management system** and **Joy of Computing** using Python.

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.
- Graphics 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.

A rectangular box containing a handwritten signature in blue ink that reads "Abhishek Mohan".