

Abhijit Dash

Full-stack Developer

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Innovating and implementing cutting-edge solutions as a Full-stack Developer, emphasizing the creation of impactful applications that drive success in the technology industry.



PROFILE SUMMARY

- ❖ Technology-driven professional with over **3.6 years of experience** building **scalable, high-performance web applications** and **microservices** using **Java (Spring Boot/Web Flux), Angular, and React**.
- ❖ I am currently working as an **Associate Business Analyst** at **Infosys**, actively working on a **Google Cloud Platform (GCP)**-based project, where I design and implement **serverless, cloud-native solutions** to enhance scalability and performance.
- ❖ I have successfully completed the **Google Associate Cloud Engineer** certification.
- ❖ Key contributor to the **CSM Framework (NC-No Code)**, an internal product utilizing **Spring Boot** (backend) and **Angular** (frontend) to create customized dynamic forms. **Played a key role in designing and implementing the core framework**, which significantly **reduced manual effort and project development time** for various organizational projects.
- ❖ Recognized for successful implementation of an in-house **No-Code/Low-Code solution (CSM Framework)**. **Spearheaded the design and architecture** of its dynamic form generation capability, enabling rapid project creation and maximizing developer productivity by allowing them to focus exclusively on business logic.
- ❖ Proficient in **test automation (JUnit, Mockito)** and **code quality tools** like **SonarQube**, with a strong focus on **security, scalability, and clean architecture**.



CORE COMPETENCIES

👉 Spring, Spring Boot, Spring Security	👉 API Development	👉 Apache Kafka, Redis (Caching), WebSocket
👉 Microservices Architecture	👉 Cloud Computing	👉 Authentication & Authorization
👉 Expert in Debugging	👉 Database Design	👉 API Gateway & Lifecycle Management
👉 Performance Optimization & Caching	👉 Legacy System Modernization	👉 System Architecture Design



TECHNICAL SKILLS

- ❖ **Programming Languages:** Java (Core & Advanced) , Html , Css , JavaScript , Typescript
- ❖ **Front-end Frameworks/Libraries:** Angular , React , Bootstrap, Tailwind CSS, Bootstrap, WebSockets, HTML, CSS
- ❖ **Back-end Frameworks:** Spring, Spring Boot, Spring MVC, Spring JDBC, Spring Security, JPA
- ❖ **API Development & Management:** RESTful APIs, Postman
- ❖ **Databases:** PostgreSQL, MySQL, MongoDB, Redis
- ❖ **Cloud Platforms:** Google Cloud Platform (GCP)
- ❖ **DevOps & CI/CD:** Docker, Kubernetes, GitHub Actions
- ❖ **Monitoring & Logging:** JUnit , Mockito, Grafana, Prometheus
- ❖ **Version Control & Tools:** Git, GitHub, GitLab
- ❖ **Testing & Security:** JUnit, Mockito, SonarQube
- ❖ **IDEs & Tools:** IntelliJ IDEA, Eclipse, VS Code, Postman



WORK EXPERIENCE

Full-Stack Developer | Infosys Pvt. Ltd. Bangalore, India | Oct'24 – Present

- ❖ Working on **Google Cloud Platform (GCP)** products to design and implement **serverless, scalable solutions** using **Cloud Functions, Cloud Run, and Pub/Sub**.
- ❖ **Optimized cloud resources** to improve performance and achieve **cost efficiency**.
- ❖ Implemented robust monitoring and logging mechanisms to ensure system reliability.
- ❖ Strengthened security and compliance through effective **IAM roles and VPC configurations**.

Software Engineer | CSM Technologies Pvt. Ltd. (CMMI L5 company) Bhubaneswar, India | Jun'23 – Oct'24

- ❖ **Framework & Product Innovation:** Played a key role in the design and implementation of two proprietary internal products:

- **CSM Framework (NC-No Code):** Spearheaded the development of a dynamic, No-Code framework that enables the creation of customized dynamic forms, significantly **reducing manual effort and project development time** for multiple organization-wide projects.
- **Code Generator (LC - Low Code):** Developed this tool to automate the creation of both **Angular frontend files** and **Java backend folders**, which dramatically **reduced project setup time and resource allocation**, allowing developers to focus exclusively on crafting tailored business logic.
- ❖ **Core System Development (Helpdesk):** Developed and implemented the "Helpdesk" project, designing a comprehensive **ticketing system** with an automated escalation feature to ensure prompt issue resolution. Also created a centralized **monitoring dashboard** and **scheduled automated project-related emails**.
- ❖ **Full-Stack Development & Architecture:** Led the development of robust backend APIs using **Spring Boot/JPA**, implementing efficient data interaction logic with Hibernate. Enhanced frontend interfaces using **Angular** for improved UI consistency and user experience across multiple client-facing applications.
- ❖ **Technical Excellence:** Assisted in transitioning legacy applications to a modern **microservices-based architecture**, improving system modularity and maintainability. Ensured code quality by writing robust unit and integration tests using **JUnit** and **Mockito**.

PROJECTS

CSM Framework: NC-No Code (product) | Jun 2022 – Oct 2024 | Java, Angular, MySQL, PostgreSQL, Oracle, Guava Cache

- ❖ An in-house dynamic framework that uses dynamic form generation to create custom forms and diverse components based on project requirements.
- ❖ It aims to reduce manpower and streamline project development.
- ❖ Developed scalable backend APIs using Node.js and PostgreSQL, ensuring secure and reliable data processing.
- ❖ Built interactive and responsive Angular UI components for an intuitive user experience.
- ❖ Improved backend performance and reduced response times by implementing Redis-based caching strategies.

Helpdesk | Jun 2023 – Sep 2023 | Java, Angular, MySQL, PostgreSQL, Oracle, Guava Cache, Single Sign-On (SSO)

- ❖ Developed and implemented the "Helpdesk" project for CSM Technology Company.
- ❖ Designed a **ticketing system** with an automated escalation feature for prompt issue resolution.
- ❖ Developed backend APIs using Spring Boot, implementing efficient data interaction logic using JPA and Hibernate.
- ❖ Enhanced frontend interfaces using Angular, contributing to improved UI consistency and user experience for client-facing applications.
- ❖ Created a dashboard for centralized monitoring of ticket activities.
- ❖ Implemented a scheduler for automated project-related emails.

Code Generator: LC - Low Code (product) | Oct 2023 – Oct 2024 | Spring Boot, Java, Angular, MySQL, Guava Cache, Single Sign-On (SSO)

- ❖ A proprietary tool that automates the creation of an Angular front-end file and a Java back-end folder based on user input, enabling efficient and timely project delivery.
- ❖ By leveraging the Code Generator, projects are delivered efficiently, meeting strict deadlines and ensuring client satisfaction. Developers can focus exclusively on crafting tailored business logic, maximizing productivity and project quality.
- ❖ Utilized this innovative solution to streamline operations and ensure project delivery efficiency.
- ❖ Assisted in transitioning legacy applications to a modern microservices-based architecture, improving system modularity and maintainability.
- ❖ Enabled real-time inventory tracking using Spring Boot and MySQL, improving operational accuracy.
- ❖ Delivered RESTful APIs that seamlessly integrated with the Angular based frontend.

Google Project (GCP) | Oct 2024 – Present | Serverless, Cloud Function, Cloud Run, GKE, IAM, App Engine, Pub/Sub

- ❖ Currently focused on building serverless, scalable solutions using **Cloud Functions**, **Cloud Run**, and **Pub/Sub** on the Google Cloud Platform.
- ❖ Provide Support on Infrastructure related Issue like deployment related Issue.

BSKY (Government Health Insurance Project) | Oct 2024 – Present | Java 17, Spring Boot, Oracle DB, Angular, GCP

- ❖ Contributed to the development of the **Hospital Empanelment Module**, enabling hospitals to register and provide services under the **BSKY scheme**.
- ❖ Built **RESTful APIs** using **Spring Boot** for hospital registration and approval workflows.
- ❖ Designed and integrated **frontend components** using **Angular** for an intuitive user experience.
- ❖ Utilized **GCP services** for hosting and database integration to ensure scalability and performance.

EDUCATION

- ❖ Master of Computer Applications (MCA) from Biju Patnaik University of Technology (BPUT) Bhubaneswar, India [8.48 CGPA] 2022
- ❖ Bachelor of Computer Science (BSc) from Utkal University, Bhubaneswar, India [78%] 2020