

AMIYA RANJAN DUTTA

Dwarka, New Delhi

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Experienced Team Leader proficient in Java, Spring Boot, and Android app development with a proven track record of leading and managing teams. Over 11 years of hands-on experience in developing core Java Client/Server applications and 3+ years of hands-on experience in developing Spring Boot applications. Skilled in Spring Security, MVC, Data JPA, and ReactJs. Successfully delivered numerous projects, showcasing expertise in Git, GitHub, AWS, Docker, Kubernetes, and Microservices. Seeking opportunities to leverage my technical skills and leadership abilities to drive innovation and achieve business goals. Passionate about continuous learning and staying updated with the latest technologies to deliver cutting-edge solutions.

Technical Skills:

Programming Languages	Java, Python, C#
Web Development Tools and Scripting Languages	Spring Boot, Spring Security, Spring MVC, Microservices, REST, PHP, ReactJs, Thymeleaf, GIT, Eclipse, Spring Tools Suite, Visual Studio Code
DevOps and Cloud Tools	Git, Maven, GitHub, Docker, Kubernetes, AWS EC2, AWS S3
Databases	MySQL , MS SQL , SQLite and XML
Web Servers & Application Servers	IIS, Apache Tomcat
Operating System	Windows 10/Windows 11/ Ubuntu 22.04

PROFESSIONAL EXPERIENCE

IBKS Venture Pvt Ltd., New Delhi

Feb. 2024 - Till date

Software Developer

Project Title # 1 **AiNGELS Platform**

Environment: Java, Spring Boot, MongoDB, Kafka REST, JSON,

MySQL, JPA, ReactJS Description Currently working in this project.

- Designing and developing both front end back end application
- Developing the front end application using ReactJS
- Developing back end services in Spring Boot
- Spring Data
- Spring Security

BOOKS CYBERTECH PVT LTD., New Delhi

May. 2008 – Jan. 2024

Software Developer / Team Leader

Project Title # 2 **Student Management App & Admin Dashboard**

Environment: Java, Spring Boot, REST, MongoDB, Kafka, JSON, XML, MySQL,

JPA, ReactJs Description • Designed and developed both front end back end application

- Developed the front end application using ReactJS
- Developed back end services in Spring Boot
- Spring Data
- Spring Security

Project Title # 3 **iDOST APP**

Environment: Java, Android, ServerSocket, TCP, PHP, SQLITE, MYSQL, Glide library, HTML and XML

Description • Designed and developed both front end back end application
• Developed the front end application using Android
• Developed back end services in core Java ServerSocket TCP
• Android Launcher application
• Server was able to handle more than 1000 of connections daily

Project Title # 4 **iDOSTLite APP**

Environment: Java, Android, ServerSocket, TCP, PHP, SQLITE, MYSQL, Glide library and XML

Description It is the lite version of iDOST app.
• Designed and developed both front end back end application
• Developed the front end application using Android
• Developed back end services in core Java ServerSocket TCP

Project Title # 5	Books Buddies App
Environment:	Android, Java, Glide library, SQLITE, MYSQL, Nodejs and Zoom SDK
Description	<ul style="list-style-type: none"> • All features of iDOST lite app • ZOOM SDK integration for online classes • Developed for both Android and web application
Project Title # 6	Coupon Service
Environment:	Java, Spring Boot, Microservices, REST, JSON, MySql, JPA, Docker, AWS
Description	<p>Designed and developed the sample Microservices project.</p> <ul style="list-style-type: none"> • Designed and developed the application for Microservices Spring Data • Dockerized the Spring Boot Application and deployed it to AWS • Implemented AWS Auto Scaling for the EC2 instances • Deployed the applications to Kubernetes Cluster
Project Title # 7	MyBlog
Environment:	Java, Spring Boot, Spring Security Thymeleaf, Mail, MySql, Hibernate, JPA, Git, GitHub
Description	<p>Designed and developed the Single Monolithic project at the time of learning Spring Boot.</p> <ul style="list-style-type: none"> • Designed and developed the Single Monolithic application • Developed the front end application using Thymeleaf • Developed the back end application using Spring Boot • Added feature sent a Mail • Uploaded to Github
Project Title # 8	Album
Environment:	Java, Spring boot, Spring Security, Spring MVC, REST, JSON, React js, MySql, Hibernate, JPA & Swagger
Description	<p>Designed and developed this project at the time of learning Spring Boot.</p> <ul style="list-style-type: none"> • Designed and developed the Front End Application using ReactJs • Developed the REST services that are used by the front end application using Spring Boot • Spring Security to generate token for access REST API • Upload Photo • Used Swagger to test
Project Title # 9	Doubt Ganga APP
Environment:	Android, Java, Glide library, JSpeex, TCP, JAVA Script, HTML, SQLITE, MYSQL and XML
Description	<ul style="list-style-type: none"> • Front end application developed in android • Back end application developed using core Java ServerSocket • Used Jspeex codec to encode/decode audio data • OTP based app activation
Project Title # 10	MuBahi App
Environment:	Java, Android, Glide library, PHP, SQLITE & MYSQL
Description	<p>The main purpose of this app is to convert books in Odia or Hindi language hard copies in to eBooks.</p> <ul style="list-style-type: none"> • Front end application developed in android • Back end application developed using core Java ServerSocket • MySql database used to store data
Project Title # 11	eBoard (Whiteboard application)
Environment:	Java, JavaFx, JAVA Script, HTML, AJAX and MySQL
Description	<p>It is a whiteboard application developed in Java. Class slides are shown in HTML or image format on the screen. Teachers can write or mark over the screen using tablet pen. Teacher's can also take attendance and ask questions through it.</p>
Project Title # 12	Scanning Application
Environment:	VB.Net, twain library

Description	It is basically an ORM sheet scanning application developed in VB.NET. Daily Thousands response sheet were scanned using it of students, who were appearing daily and weekly exams at center.
Project Title # 13	Result Processing Server Application (Multi threading Window Application)
Environment:	C#.Net, VB.Net
Description	Server application was developed in C#.Net using Socket and TCP Listener . Client application was in VB.Net. Every day, several tests were held in many branches. Daily more than 2000 students were appeared examination at center. Just after exam finished, student response sheets were scanned and submitted to Head Office for result processing. All submitted score processed through this sever and result declaration takes place at the same day.

EDUCATIONAL & PROFESSIONAL CREDENTIALS

DOEACC 'O' Level 1999

B.Sc., 1997

S.A. Mahavidyalaya, Balipatana (Utkal University)

10th Class, 1992

Peoples. High School, Chanahata (Board of Higher Secondary Education)

Courses Undertaken:

Advanced PGDCA

CRAC Institution, Bhubaneswar

Date of Birth: 15th June 1977

Languages known: Hindi, English and Odia