

ROJA BUGADE

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[LinkedIn](#) | [GitHub](#)

Summary

I am a versatile, accomplished, and goal-oriented professional with almost 4 years of experience in solutioning, client engagement, SDLC, and Agile methodology as a Java developer. I have developed and managed applications for leading clients in the banking, financial services, and insurance sectors. With expertise in backend technologies like Java Spring Boot and microservices, I am also expanding my skill set in frontend development, working with React, JavaScript, and modern UI frameworks to build seamless user experiences. My strong technical and problem-solving capabilities ensure the delivery of high-quality, end-to-end solutions.

Technical Skills

Java, C, C++, ReactJS, Python, SQL/PostgreSQL, Elastic Search, Git, GitLab, MySQL, Service Now, AWS, Kibana, Postman, Confluence, JIRA, Problem Solving, Agile and Scrum, Amazon S3, AWS IAM, AWS CodeDeploy, AWS CodePipeline, AWS EC2, AWS Lambda, Oracle 10g, HTML, Android, Django, Spring, Spring Boot with Microservices, API, JPA, REST And RESTful, Swagger, Concourse, NLP, Azure, Jupyter, Hadoop, Power BI, Tableau, Streamlit, Shiny, PowerApp, Kafka, Snowflake, TensorFlow, Keras, Docker, Kubernetes, Google Colab.

Education

Syracuse University, USA

Jan 2024 - Current

Masters in Applied Data Science (Graduating Dec 2025)

- Developed and deployed AI chatbot solutions using Streamlit and OpenAI: A comprehensive chatbot with functionalities like document upload Q&A, Course Information chatbot, an AI-based homework manager featuring content summarization, RAG-based chat, a specialized news bot for a global law firm, and COMPASS an AI-powered university guidance system that helps international students find and track university programs, living expenses, and career opportunities in the United States.

University of Pune, India

Sep 2016 – Jun 2019

Bachelor of Engineering Computer Engineering, First Class with Distinction CGPA 7.88/10.0

Research: Blockchain based Forensics Analysis Secure Node Diagnosis Mechanism of Smart Grid

- Bugade R. (2018), "Blockchain based Forensics Analysis Secure Node Diagnosis Mechanism of Smart Grid" (PAPER ID: [IJRAR19J2596](#)). Developed a blockchain-based forensic analysis and secure node diagnosis mechanism for smart grids using MD5, AES, and Paillier encryption to enable efficient, secure device identification and maintenance.

Professional Experience

Citi

Aug 2022 – Dec 2023

Officer Apps Dev Programmer Analyst 2, (Pune, India)

- Officer Apps Dev Programmer Analyst 2 at Citi, specializing in Full Stack Development (Java, ReactJS) with key contributions to Citi's Content Publisher.
- Led Java migration (1.8 to 17) across 200+ files, optimized caching with Ehcache 3, integrated 3rd-party APIs, and enhanced HTML content handling using CKEditor & regex. Streamlined Agile development with JIRA, Bitbucket, uDeploy, and TeamCity for efficient deployments.

Atos | Syntel

Jan 2020 – Aug 2022

Associate Consultant, (Pune, India)

- API & Middleware Java Developer (Manulife Insurance, CreditOne Bank): Developed and deployed RESTful Java-Spring Boot APIs using GitLab, Concourse, PostgreSQL, and PCF, built CI/CD pipelines, managed client communication, and handled large SQL datasets.
- Microservice Developer (Clydesdale Bank/Virgin Money): Designed and maintained microservices for Business Internet Banking, resolved technical issues via logs, code, and database analysis, conducted code reviews, and worked with tools like Postman, JIRA, ServiceNow, Kibana, and GitHub.

Academic Projects

Blockchain based secure equipment Diagnosis Mechanism of Smart Grid

Jul 2018 - Mar 2019

- Developed a blockchain-based forensic analysis and secure node diagnosis mechanism for smart grids to identify cyber threats and diagnose equipment issues. Implemented user reputation-based participatory incentive mechanisms to detect and monitor malicious DBA activities, enhancing cybersecurity in smart grid systems.

- Developed an Android-based real-time location tracking app for school kids, senior citizens, and women, updating location every 30 minutes. Built using Android SDK, Eclipse IDE, and SQLite database for secure tracking.

Certifications

- Spring core and MVC from Atos|Syntel
- MicroServices with Spring Boot from Atos|Syntel
- 'C' and 'C++' language certifications from INFOPARK.
- 'Python' language certifications by University of Michigan and offered through Coursera.
- One day workshop on Personality Development.
- Two days' Workshop on 3D Gaming.
- 15 days In-plant training on java from NIIT.

Leadership and Management

- Engaged with the Nexis AI team, contributing to projects in AI for innovative solutions.
 - Led and managed onsite/offshore work modules, ensuring successful product delivery within SLA.
 - Mentored juniors through project development and training, providing knowledge transfer (KT).
 - Experienced in customer support and project management across different geographies UK, USA, Canada, and India.
 - Led a project at the engineering college level, demonstrating leadership in technical execution.
 - Participated in a road safety police initiative to control traffic and spread awareness.
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