

Bivas Chakraborty

Technical Lead

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Professional Summary

Hands-on Technical Lead with 12 years' experience building cloud-native Java and AWS systems for insurance and banking, including Aviva (Direct Line Group), Lloyds Banking Group and Credit Suisse. Leads a dynamic, multi-skilled engineering team, owning architecture, delivery and production support for the Motor Insurance new business and servicing platform. Delivered a 20% reduction in running costs and maintains a reliable two-week release cadence. Combines people leadership with hands-on engineering improvement: CI/CD, cloud cost, observability, code quality and AI-assisted development with GitHub Copilot. Seeking exciting opportunities to grow high-performing teams and raise engineering standards.

Core Skills

- **Backend:** Java (8, 11, 17, 21), Spring Boot, Spring MVC, Microservices, REST APIs, Python, Hibernate/JPA, Flowable BPM
- **Cloud & DevOps:** AWS (Lambda, DynamoDB, CloudWatch), Terraform, GitHub Actions, Jenkins, Docker, Kubernetes, OpenShift 4, Linux
- **Data & Messaging:** Kafka, RabbitMQ, Redis, Oracle, PL/SQL, MongoDB, DynamoDB
- **Integration:** MuleSoft, ISO 20022
- **AI-Assisted Engineering:** Claude Code, GitHub Copilot, prompt engineering for code generation, refactoring, test writing and documentation
- **Observability & Quality:** Grafana, Prometheus, Splunk, AppDynamics, SonarQube, TDD, JUnit, Mockito, Jest
- **Frontend:** Angular, TypeScript, JavaScript, HTML/CSS
- **Leadership & Delivery:** Team leadership, mentoring, Agile Scrum, roadmap planning, stakeholder management, incident management

Experience

Technical Lead

Aviva (Direct Line Brands) | London, UK

Oct 2023 – Present

- Lead a dynamic, multi-skilled engineering team delivering Motor Insurance new business, owning technical direction, delivery planning and the engineering roadmap.
- Delivered a 20% reduction in platform running costs by identifying and implementing AWS cost-saving opportunities against the organisation's savings targets.
- Maintain a reliable two-week release cadence through GitHub Actions and AWS CI/CD pipelines with automated testing and deployment.
- Own high-level and low-level design of APIs and backend services built on Spring Boot and AWS Lambda, including the MuleSoft integration layer.
- Lead P1/P2 incident response and root-cause analysis for the customer-facing web application, putting preventive fixes in place to stop repeat issues.
- Use GitHub Copilot hands-on for code generation, refactoring, test writing and documentation, and share effective AI-assisted practices with the team.
- Mentor engineers on engineering practices, design and technology, and drive the team's contribution to organisation-wide engineering initiatives.
- Work with product owners and stakeholders to shape requirements, priorities and delivery timelines.

Technical Lead

Wipro Technologies

Jun 2023 – Oct 2023

Client: Lloyds Banking Group · Claims processing

- Led end-to-end API delivery for the claims processing team, coordinating development, testing and operations.
- Built scalable, low-latency claims processing services using a TDD approach, with dedicated CI/CD pipelines per API.
- Optimised cloud infrastructure for availability, performance and cost.
- Trained and mentored team members on processes, practices and technologies.
- Analysed and troubleshoot complex issues in production environments.
- Evaluated new technologies and tools to improve the efficiency, scalability and reliability of infrastructure and software.

Senior Full Stack DevOps Engineer

Wipro Technologies | London, UK

Jun 2022 – May 2023

Client: Credit Suisse · Trade reporting, securities settlement, clearing

- Designed and implemented highly scalable, reliable and secure cloud infrastructure using modern DevOps practices and technologies.
- Collaborated with development, testing and operations teams to deliver high-quality software on time and within budget.
- Developed and maintained highly scalable, low-latency systems.
- Built and maintained CI/CD pipelines for continuous integration, testing and deployment.
- Managed and optimised cloud infrastructure for high availability, performance and cost efficiency.
- Established and maintained best practices for security, compliance and disaster recovery.
- Trained and mentored team members on processes, practices and technologies.
- Analysed and troubleshoot complex issues in production environments.
- Evaluated new technologies and tools to improve the efficiency, scalability and reliability of infrastructure and software.
- Worked with stakeholders to define project requirements, deliverables and timelines.

Senior Full Stack Engineer

Wipro Technologies

Dec 2018 – May 2022

Client: Credit Suisse · Account management

- Developed end-to-end features as a full stack developer, using Angular on the front end and Spring Boot on the backend.
- Wrote database scripts for Oracle schema changes and other requirements based on user stories.
- Ensured at least 80% unit test coverage on all code, across UI and backend.
- Delivered low-level and high-level application designs and authored Solution Architecture Documents (SAD).
- Acted as the team's subject-matter expert for workflow engine integration with Flowable BPM.
- Developed solutions for complex modules end to end.

- Ran client demonstrations, requirement analysis and sprint reviews with the feature team.
- Worked closely with product managers and leadership to understand product goals and turn them into engineering solutions that delivered the best value.

Full Stack Engineer

Wipro Technologies

Nov 2014 – Nov 2018

Client: Credit Suisse · Customer onboarding, relationship management

- Developed end-to-end features using Angular for the UI and Spring Boot for the backend.
- Managed client demonstrations single-handedly.
- Wrote automated UI integration test scripts.
- Contributed to the low-level design of applications.
- Maintained monolith applications.
- Mentored others on writing clean, testable code.
- Focused on learning and upskilling to improve project quality.
- Maintained code quality with SonarQube and peer reviews.

Recognition

- Top Contributor, Motor New Business team — Direct Line Group
- Star Performer of the Quarter for delivering a major application release under a tight deadline — Wipro
- Recognised as client "Dream Team" three times in a row — Wipro
- Top Coder Contributor for the account — Wipro

Certifications

- Microsoft Azure Fundamentals (AZ-900)

Education

- **MSc Information Technology (Work Integrated)** — Vellore Institute of Technology, 2014 – 2018
- **BSc Computer Science** — University of Calcutta, 2011 – 2014