

BIBEK KUMAR SINGH

Senior Full stack developer with 6+ years of experience

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📍 Bangalore, Karnataka

SUMMARY

Senior Full stack developer with 7 years of experience in application development using technology like React 18, Angular 9, Java 11, Spring Boot, Spring Data JPA, Spring Web flux, and Spring security. I help businesses in their product & application development journeys to create value for global clients and their customers. Expertise in exceeding customer expectation by embedding code qualities and standards in robust Product Development by using infrastructures like EC2, App Services, and Power Bi in an Agile framework.

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer

JPMorgan Chase & Co.

📅 05/2021 - Present 📍 Bengaluru, Karnataka

- Built a system to deprecate and roll out new terminals to all merchants. This system uses a feature that allows service agents to roll back multiple terminals at once, which saves 80% of human intervention and prevents organizational loss.
- Built terminal ordering flow, where merchant can order new terminal for them self through service agent and also can track order delivery status which saved manual intervention of 60%.
- Introduced distributed system logging framework using spring sleuth and Splunk log which help is tracing the incident across microservice and better analysis.
- Built react shared library component which in terms reduce the boiler plated code by 70% across micro front end and also helped in better maintainability of code.
- Introduced multiple micro front end from scratch using single spa, react, typescript and webpack.
- Built transaction overview page and rest API where service agent can view merchant transaction information and can help merchant in resolving their query which increase merchant satisfaction by 50%.
- Developed a scheduler which process 1Million of terminal so that it's available to system for bulk upgrade.
- Introduced end-end automation testing framework using cypress and JavaScript which help in reducing the overall effort in smoke testing of feature by 60%.

Software Developer

Ernst & Young

📅 08/2019 - 04/2021 📍 Bangalore, Karnataka

- Built an automation UI which help to reduce the number of clicks and user input by 50% which was required to do the forecasting for the given organization.
- Developed asynchronous file uploading rest API which read the different extensions of file and put into NoSQL(MongoDB).
- Improved the performance of MongoDB query by 30% using sequential aggregation pipeline and indexing.
- Built CI/CD pipeline using azure DevOps to deploy code flawlessly to every environment.
- Integrated load testing tool in CI/CD pipeline to check rest API performance for every deployment to higher environment.

Software Developer

L&Q Technology PVT LTD

📅 01/2017 - 07/2019 📍 Bangalore, Karnataka

- Built an efficient framework which ensure data between these two external system is always in sync, which reduce the manual effort of copying the data between system by 40%.
- Successfully developed a powerful dashboard that provides a comprehensive view of user events originating from every card swap on hotel door, offering valuable insights and analytics which increase the monitoring of restricted access by 70%.
- Design and built a framework which do continuous polling of data from external source using Java, spring boot and MySQL.

KEY ACHIEVEMENTS

Salvaging potential loss of \$100 million

Through terminal rollback feature and ordering of new terminal with few clicks we were able to salvage JP Morgan from a potential loss of \$100millions.

Improved application performance by 90%

By using micro front end and reactive microservice we were able to achieve in improving the performance of application by 90%, which in terms improve service agent and merchant satisfaction.

TECHNICAL SKILLS

Java 11	React	Angular 12	
Typescript	JavaScript	Redux	
Springboot	Spring Security	Data JPA	
HTML	CSS	Rest API	Microservice
Micro front-end	Distributed System		
JSON	GIT	Maven	Data structure
Algorithm	Mongodb	Mysql	CI/CD
Agile/SCRUM	AWS	Azure	
S.O.L.I.D	System design	TDD	
Cypress			

CERTIFICATIONS

AWS cloud practitioner

ReactJS

Terraform

EDUCATION

Bengal College of engineering and Technology

W.B.U.T, Durgapur

📅 08/2011 - 07/2015 📍 Durgapur, Bengal