

ARPAN BASAK

Full Stack Software Engineer

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Software Engineer with 9 years of experience specializing, primarily, in Backend technologies. Proven expertise in designing, developing, and optimizing scalable, high-performance applications/microservices. Skilled in Frontend development, enhancing the user experience.

SKILLS

- Java 22, Spring 6, Spring Boot 3, Golang, React.js, HTML5, CSS3.
- PostgreSQL, MySQL, MongoDB, Kafka, AWS Stack - S3, DynamoDB, SNS, SES.
- Kubernetes, Docker, OpenShift, Jenkins, Maven, Gradle, GIT, JUnit.

WORK EXPERIENCE

Senior Software Engineer

Sixt R&D, Bengaluru

Aug, 2022 – Present

- Led the design and development of high-level API specifications for multiple epics from inception, significantly enhancing functionalities for the Damage team.
- Developed seamless frontend interfaces for multiple tasks handling by Damage agents, leading to quicker claims processing by **70%**.
- Designed the entire GenAI solution integration via Azure OpenAI API for classification of Invoice Complaints resulting in a **80%** improvement in Invoice handling process.
- Integrated with image capture via *Proovstation* and *Assured gates*, from scratch and automated damage workflow management, improving successful claims by **45%**.
- Introduced virtual threads to reduce the latency by **20%** for frequently used APIs.
- Migrated our Backend services to latest Java 22, Spring 6 and Spring Boot 3.
- Increased test coverage by **50%** across services.

Lead Software Engineer

Harman, Bengaluru

May, 2021 – Aug, 2022

- Conducted API spec design and development, enhancing the capabilities in Ignite - Connected Car services,
- Engineered user flows for *Notification Center* including integration features with Gigya for third party platforms.
- Executed on Mongo sync driver integration for Mongo client creation as part of MongoDB upgrade from **3.7** to **4.4**.
- Spearheaded migration of Data Platform components to Java 11 from Java 8.
- Undertook root cause analysis for more than **15** major blocking issues to identify bugs and rolled out fixes to production within 24 hours.

IT Analyst

Tata Consultancy Services, Bengaluru

July, 2015 – May, 2021

- Led the development team in implementing Agile methodologies, resulting in a **30%** increase in project efficiency and improved cross-functional collaboration.
- Delivered complete migration of existing **four** web services (*Card Verification Service*, *Card Eligibility Service*, *Keep Alive Service* and *Out-of-band Authentication Service*) from IBM WebSphere to Cloud Enterprise PaaS (RedHat OpenShift).
- Refactored existing monolithic service (*Card Verification Service*) to new components with Microservices Architecture using REST APIs.
- Enabled and implemented *Manage Your Card Account (MYCA)* features for various US/Europe regions.

EDUCATION

B.Tech(Computer Science & Engineering) – 8.17

2011-15

H.S.C – 95%

2011

S.S.C – 94%

2009