

# Akeshwar D. Singh

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## Experience

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### eBay

San Jose, CA

STAFF SOFTWARE ENGINEER

Jun 2023 – Present

- Enhanced buyers experience by delivering numerous changes to e-commerce platform and drive GMV growth by 3%.
- Modernize technology stack towards cloud native technologies like Kubernetes, Docker and in-house cloud service to enhance platform performance.
- Collaborated with cross-functional teams including product managers, data scientists, and UX/UI designers to deliver end-to-end features, improving user engagement and customer satisfaction by 6%.

### MasterCard

St. Louis, MO

SENIOR SOFTWARE ENGINEER

Apr 2019 – Jun 2023

- Contributed to key Mastercard digital transformation initiatives, including migrating core applications to the cloud (VMware), resulting in 23% reduction in infrastructure costs.
- Provided technical mentorship to junior developers, fostering a culture of learning and continuous improvement in coding practices, design patterns, and system architecture.
- Designed and developed high-performance, secure payment processing systems used by all of Mastercard's customers globally, adhering to industry standards (PCI-DSS).
- Led the development of APIs and microservices architecture to enable seamless integration of payment gateways with third-party systems, improving transaction processing efficiency by 9%.
- Collaborated with cybersecurity teams to integrate secure coding practices, ensuring all products comply with security standards and minimizing the risk of data breaches.

### Spectrum

St. Louis, MO

SENIOR SOFTWARE ENGINEER

May 2015 – Apr 2019

- Led the design and development of a modernized internet activation platform, improving the customer onboarding experience and reducing activation times from days to minutes.
- Drove company initiatives to launch mobile phone service as a new line of business, integrating mobile provisioning systems with existing platforms, enabling efficient device activation and customer management.
- Worked closely with various third parties like mobile network providers and mobile phones providers to ensure reliable integration with Charter's existing infrastructure.
- Provided operational support, ensuring the stability and scalability of both internet and mobile services, and resolving customer-facing issues in a timely manner.

### Experian

Noida, India

SOFTWARE ENGINEER

Jan 2013 – May 2015

- Enhanced credit reporting systems to provide comprehensive insights, expanding beyond negative-only reporting as well as extending capabilities to multiple international markets.
- Contributed to Agile software development processes, participating in sprint planning, code reviews, and continuous integration to ensure high-quality software delivery.
- Provided post-launch support, ensuring system stability, and resolving customer-reported incidents, contributing to a 60% reduction in support tickets.

## Education

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### RGPV

Bhopal, India

BE IN INFORMATION TECHNOLOGY

Jul 2007 – Jun 2011

## Skills

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<b>Programming:</b>	Java, Python, Javascript/Typescript
<b>Web &amp; Frameworks:</b>	REST, gRPC, GraphQL, Webhooks, SSE, SpringBoot, Angular, React, Node, FastApi, Cognito
<b>Databases &amp; Messaging:</b>	MySQL, MongoDB, DynamoDB, Redis, S3, Memcached, Kafka, NATS, RabbitMQ, SNS, SQS
<b>CI/CD &amp; Devops:</b>	Jenkins, Docker, Terraform, Kubernetes, Splunk, Dynatrace, Kibana, Grafana
<b>Architecture &amp; Design:</b>	Microservices, Event Driven, CQRS, Circuit Breaker, Saga
<b>Leadership &amp; Mgmt.:</b>	Mentorship, Cross Functional Collaboration, Architectural decisions, Coding Standards & Gov.