

# Rafat Anwar Munshi

## Software Development Engineer

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in <https://www.linkedin.com/in/rafatmunshi/>

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### Profile

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Web Applications Developer with 6+ years of relevant experience developing Full Stack applications in the Technology, E-commerce and Education Industry. I focus on delivering on Business requirements and User Experience. I find satisfaction in designing highly scalable architectures, writing clean, tested and maintainable code. I also take pride in my excellent communication skills.

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### Professional Experience

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05/2022 – present	<b>Software Development Engineer, Amazon</b>  SDE I (~ 1 year 9 months) <ul style="list-style-type: none"><li>Individually owned notifications project and worked with multiple teams to result in improved adoption of business policies by 30% by EOY for Amazon Business customers</li><li>Owned critical features of Service migration project to deprecate service without any customer impact saving 10k\$ per year cost for Amazon and providing better UX to customers</li><li>Created high level and low level design for project features handling a high level of ambiguity and coding them on the frontend and backend, which cause no issues on production</li><li>Setup infrastructure on cloud and built/managed database and CI/CD pipelines</li><li>Provide strong and thorough code and design reviews for other engineers to adapt better code quality and processes</li><li>Be oncall 24*7 to resolve customer facing issues and otherwise to keep services running within predefined SLA</li></ul> Tech: AWS(DDb, SNS, SQS, Lambda, CloudWatch, CloudFormation, S3, EMR), Java, JUnit, Reactjs, CDK, REST	Madrid, Spain
09/2021 – 04/2022	<b>Software Engineer, Frontdoor, Inc.</b>  SDE (~ 8 months) <ul style="list-style-type: none"><li>Took complete ownership of the Shortlink Microservice to reduce latency and improve performance by 55%, migrate database for better design of the event-driven system.</li></ul> Tech: Golang, Kafka, ElasticSearch, Docker, Terraform	Pune, India
07/2020 – 08/2021	<b>Online Course Instructor, Skill Lync</b>  Educator (1 year 2 months) <ul style="list-style-type: none"><li>Developed Full Stack Web Technology Courses and supported students to be Job-Ready</li></ul> Tech: Front End Development, Data Structures and Algorithms using Java and Python, Advanced Databases, Java BackEnd Programming	Chennai, India
09/2016 – 04/2021	<b>Full Stack Applications Developer &amp; Instructor, AMU</b>  Technical Assistant (Computer)- (~2 years relevant as a Full Stack Engineer) Internal Quality Assurance Cell (IQAC) Role: Project Lead	Aligarh, India

## Projects:

*Inventory Management System*

*Students Information Portal*

*Grievance Redressal System*

*Students Feedback Portal*

*Faculty Information Portal*

- Owned end-to-end deliverables individually of software projects for the University from feature discussions, requirement gathering, release milestone planning to designing then coding, testing, debugging, documentation, deployment and maintenance.
- Suggested practical and scalable solutions which improved efficiency of processes of a 15 persons team by more than 80%.
- Became Subject Matter Expert and reducing requests to the Director by 75%

Tech: Spring Boot, MongoDB, MySQL

01/2015 –  
06/2016

### **Web Consultant, Maroof Consultancy**

Remote

*Swag of India.* (~ 1.5 years)

Role: Core team member in the ecommerce start up

- Developed website from scratch focussing on gaining business analytics
- Tuned social media marketing strategies based on traffic analytics reports to keep up the product growth which increased website traffic and sales by 20% MoM

Tech: PHP WordPress- WooCommerce, MySQL, Google Analytics, MailChimp

07/2012 –  
11/2014

### **IT Engineer, Cisco Systems** ☑

Bengaluru  
, India

Business Applications Developer. (2 years 3 months)

*Cisco Developer Network-* [www.developer.cisco.com](http://www.developer.cisco.com) ☑ (~ 1 year)

- Improved user experience and developed enhancements for the large-scale application by working closely with the team in the US.
- Built a Java API to upload videos to Cisco's video sharing platform as a reusable component for 100s of Cisco Engineers.

Tech: Liferay, Spring portlet MVC, Quartz Scheduler

*Delivery Collaboration Portal-* [www.dcp.cisco.com](http://www.dcp.cisco.com) ☑ (~ 1 year)

- Actively contributed under the Agile process, following clean coding practice.
- Mentored 2 junior Developers to quickly overcome gaps.

Tech: Java, Junit, Oracle DB, JQuery

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## **Skills**

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### **BackEnd**

Java, JUnit, Golang, Node.js

### **Database**

DynamoDB, MongoDB, MySQL, Redis

### **FrontEnd**

React.js

### **Cloud and DevOps**

AWS, CI/CD, Pipelines, CDK, Docker, Terraform

### **Others**

Git, Kafka, ElasticSearch, Microservices, Agile

### **Knowledge of**

Data structures, Algorithms, Systems Design, Design Patterns

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## **Education**

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2012

**Bachelor of Technology (B.Tech),**  
**Veermata Jijabai Technological Institute (V.J.T.I)**  
CGPA- 8.5/10

Mumbai,  
India