TUSHAR DESHPANDE

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EDUCATION

Master of Computer Science   Aug 2017 - May 2019
The University of Texas at Arlington

Bachelor of Technology - Computer Engineering   Aug 2012 - May 2016
SGGSIE&T, Nanded, India

TECHNICAL SKILLS

Languages: Java, TypeScript, Dart, Python, C   AWS: (S3, EC2, VPC, ElastiCache, Route53)
Front-End: Angular 6, HTML, CSS, Bootstrap, PrimnNG   Others: Spring Framework, MySQL, Flutter

PROFESSIONAL EXPERIENCE

KRW Associates / PayTomorrow, Cornelius, NC, USA
Software Developer   **Jul 2019 – Current**
- Develop, maintain, and add new features for Platform (Spring boot Microservices, RESTful API) and Containerized the microservices using Docker for improved CI/CD Workflow.
- Implemented new features for back-office front end services which uses Angular-8 and PrimeNG.
- Build a Flutter based Mobile app for Customer Portal which helped improve user engagement by almost 70%.
- Developed Auditing System for User Plans Using MySQL's advanced features like Triggers and Stored Procedures.
- Worked to develop resilient architecture for reliability and scaling.
- Implemented Monthly Price Estimator for e-commerce App in Shopify and BigCommerce (Spring MVC).

TATA Consultancy Services, Kolkata WB, India
Assistant System Engineer   **Aug 2016 – June 2017**
- Troubleshoot, debug and upgrade existing systems (Spring MVC). Designed requirement specification and maintained the module (Unit and system integration testing).
- Developed well-designed, testable RESTful API using Spring Boot and Integrated software components into a fully functional software system
- Worked as a Full-stack application developer and got a comprehensive hold on technologies like JAVA, Spring Boot, JPA, MySQL, Swagger, Junit, Log4J, Mockito, jQuery, Bootstrap.

TECHNICAL PROJECTS

SOS Alert System
- Implemented an event based (Mobile and web) alert system with high availability and scalability for security related alert.
- Technology stack includes Netflix OSS, Flutter and Dart, AWS EC2, AWS VPC, Spring Boot Spring web.

Secure Vault storage system (AWS)
- Build a encrypted file storage system using AWS and python (boto3, psycopg2)
- This application uses AES encryption (pycrypto) for encryption before uploading the file to AWS S3

Blockchain solution for Exam Score Maintenance
- Build a comprehensive exam module where scores are maintained anonymously on public Ledger using transaction in a blockchain.
- Technology Stack includes Komodo Blockchain, Angular Js, HTML, CSS, Bootstrap.