Creative geek, worked with the team that released WOO App (Dating App). It received three million active users within six month. Developed back-end services for insurance companies for their vehicle insurance inspections and claims. Developed full-stack application for Micro & Small Consumer Loans, Agent Loans, and Device/Handset Loans. Designed Generic KYC module for on-boarding customers to avail loans and other services from NBFCs.

Open to work with start-ups, want to be challenged & learn something new.

SUMMARY

• **8**+ years of experience in complex, custom-designed, scalable software development projects using Java & Angular.
• Proficiency in web service applications both producing and consuming REST) API.
• Experienced in behavior driven development approach using SCRUM framework under Agile Methodology.
• Great OO skills, including strong design patterns knowledge.
• Experience in working with Redis, Memcached & messaging systems such as ActiveMQ and Kafka.
• Development experience with Python, Java1.8, Build systems (Maven), and Version Control System (GIT).
• Building Deploying & debugging web applications on Tomcat through Jenkins.
• Hands on experience in working with Docker, Ansible and AWS.
• Expertise in developing SPA using Angular and ROR.

ASAD ALI
Principal Architect at **Comviva Technologies**,
Technical Author at **GeeksforGeeks** & **GeekFlare**

EDUCATION

B.TECH IN COMPUTER SCIENCE
2008 - **2012** JNTU Hyderabad| Aggregate - 76.99%

INTERMEDIATE
2005 - 2007 Uttar Pradesh Board | Aggregate - 68.6%

HIGH SCHOOL
2005 – Uttar Pradesh Board | Aggregate - 66.5%

WORK EXPERIENCE

Mahindra Comviva [Principal Architect]
25th March, 2019–**Till Date**

DoubleYou Technologies (Woo App) [Senior Software Engineer]
25th July, 2016–22nd March, 2019

Synechron Technologies [Associate Software]
28th April, 2014–01st July, 2016

Freelance Consultant [Freelance Software Engineer]
02nd July, 2012–25th April, 2014

SKILLS

PROGRAMMING
Over 100000 lines:
• Python •Java •Spring Boot • Hibernate •MySQL •Spring Cloud
Over 50000 lines:
• Solr •Redis •AWS •Kafka •Memcached •MongoDB • Elasticsearch
Build and Deployment Tools:
•Jenkins •Docker •Kubernetes •Ansible

NON-PROGRAMMING
Application Monitoring/Debugging Tool: Kibana •Grafana •Splunk •ELK
Source Control: GIT •TFS •Bitbucket •SVN
Agile/Scrum: Jirav7.0 •VersionOne •JiraAgile •Trello
IDE: Eclipse •InteliJ •STS

FAMILIAR WITH : Angular, RoR, Data Science, Spark, Flink

Project- **LMS (**Loan Management Application**) at Comviva Technologies**
Unit: YABX | **Role**: Technical Lead & Principal Architect| **Team Size** – 7 |**Technologies Used**: Java | Spring| Hibernate | AWS | MySQL | Elastic search | Kafka | Python | Angular | MongoDB | RoR
Frameworks

1. **E-KYC**
   o Designed and architected generic/dynamic KYC module (back-end) for on-boarding customers to avail NBFCs services.
   o It is a platform which mandates KYC regulations before providing any financial service to customers.
   o Developed the e-KYC application for establishing the identity and electronically verifying the credentials of any customer.
   o Developed the complete back-end for mobile and web application to onboard a customer and gather his information.
   o Integrated third party verification agencies (sometime Govt. body) to validate the data provided by customer.

2. **Lending Application**
   • Developed back-end application for Micro & Small Consumer Loans, Agent Loans, and Device/Handset Loans.
   • Build and deployed code on NBFCs private network (VMs)
   • Used Python, Java, MySQL, Spring Boot, Redis and Memcached tech stack while development.
   • Integrated payment gateways/wallets (PayTM, RazorPay, iStore, Google Play etc.) for loan disbursement and recovery.
   • Implemented Auto debit, auto-load (wallet), EMI, and subscription model for the users.

3. **Admin Portal/ CRM**
   o Developed an administration console through which one can manage various identity services.
   o Implemented access tools for viewing, monitoring, and managing various transition flows
   o Provision to search for endpoints and display their distribution by profiles, failures, identity stores, location, device type, and so on.
   o Created an access wizard to create a basic configuration to demonstrate application feature and functionality in the application.

Responsibilities
- Carefully analyse the project and rectify the errors found in the process.
- Delegating tasks and achieving daily, weekly, and monthly goals.
- Keeping up-to-date with industry trends and developments.
- Identifying risks and forming contingency plans as soon as possible.
- Analysing existing operations and scheduling training sessions and meetings to discuss improvements.
- Being transparent with the team about challenges, failures, and successes.
- Motivating staff and creating a space where they can ask questions and voice their concerns.
- Design and develop architects for software projects based on customer specifications.
- Provide support in developing new product lines and upgrading existing products.
- Coordinate with the product development team in defining project scope and approaches.
- Coordinate with the software development team in developing and implementing software applications.
- Propose the most effective architectural solutions to meet cost, quality, and schedule requirements.
- Mentor Junior Architects when required to ensure quality and productivity.
- Work with the project team to design prototypes to validate application functionality.
- Assist Managers in analysing project requirements and project designs.
- Participate in design, code, and test plan reviews as needed and provide appropriate recommendations.
- Develop best practices to ensure software functionality, usability, reliability, and availability.
- Respond to client queries and concerns professionally and build positive customer relationships.
- Attend industrial conferences, meetings, presentations to represent the company.
- Conduct regular team meetings and one-on-one sessions to share new ideas.
- Writing reusable components using various technologies and frameworks.
- Responsible for executing business logic into the source code by implementing API's, creating micro services, and pushing it to the servers.
- Integrating third party application and API's as per the business requirements.
- Building and deploying the application through CI/CD using Jenkins and Docker and Kubernetes.
- Writing Ansible script to automate the process of dependent package installations over production servers.
- Setting up and maintaining ELK stack for application monitoring purpose

Project- WOO(MATCHMAKING/DATING APP)

Technologies Used : Java | Spring | Hibernate | AWS | MySQL | Redis | Elasticsearch | Kafka | Python | ROR | Angular | MongoDB
Role : Server side - Java developer | **Team Size** - 5
Responsibilities
• Integrated Payment gateways like IStore, PlayStore, PayTM, Stripe and Razorpay to accept payments.
• Implemented Auto debit, auto-load (wallet), EMI and subscription model for disbursement and recovery.
• Integrated SDKs like True caller, FB, Agora, Layer.
• Responsible for writing rest services (consuming/producing) using Spring Rest.
• Implemented rest API to retrieve user information from Facebook using graph API and pushing to db through Spring-data/JPA.
• Replaced FQL with fb graph API & other query languages to updated version.
• Responsible for writing business components i.e., presentation layer (controller) & service Layer (persistence operations) using Spring Rest.
• Implemented caching mechanism by retrieving and storing frequently used data from db in Memcached and Redis based on some sorting techniques (Zadd, set etc).
• Writing scheduler job (using Spring task: scheduler) which run on every 5 minutes (or based on cron time) and updates data to Redis and Memcached.
• Written code to push executable files like user images on AWS S3.
• Developed entities (beans or models) using JPA to perform persistence operations (load & store) with MySQL database.
• Created CI/CD pipeline using Jenkins to deploy code on servers.
• Developed admin portal (SPA) for reporting purpose using Angular.
• Wrote back end components to send messages to messaging systems such as ActiveMQ and Kafka.

Project- **Vehicle Insurance (Inspection & Claim Application)**

Designed and developed full stack application to perform below tasks
- On-board Agents, Inspectors and customers onto the app through OTP verification.
- Create inspection or claim cases and store into the data base based on vehicle type.
- Accept vehicle details shared by inspector or customer post inspection through app.
- Accept and store all vehicle images shared by inspector or customer through app.
- Mark the entries of images received and pending and push a notification to the users.
- API to return list of cases created by an agent of a particular area, region or a state.
- API to return complete case details with case status for Admin, QC & company users.
- API to return all the images of a particular case from s3 buckets.
- API to push notification and messages (SMS & What's App messages) to the agents and customers.
- Defined polymorphic schema based on user type and vehicle type through JPA.
- API to generate report post successful inspection & verification of a vehicle.
- Used Angular and its libraries to implement front-end (user's dashboard).
- Apart from development, I was also responsible to perform DevOps activities such as setting up staging and production environment; Containerizing the application through Docker; Building & deploying code on staging and production server through CI/CD using Jenkins.