

Akshay Mittal

SUMMARY OF QUALIFICATIONS:

- Six-years background in diverse facets of Software development, design, and execution of business applications
- Experienced in using various methodologies in the Software Development Life Cycle (SDLC) like SCRUM/AGILE
- Extensive programming experience using Spring (Java), React & DevOps automation with Cloud (AWS, GCP)
- A highly motivated individual who has a hunger to learn, work to tight deadlines, and who can communicate effectively with technical peers and business users. Someone who encourages learning and the sharing of ideas and is always open to new ways of working

TECHNICAL SKILLS:

Languages: Java, Python

Frontend technologies: HTML, CSS, JavaScript, React, Bootstrap, jQuery, AJAX, XML, JSON

Tools and Others: Spring boot, Node, AWS, GCP, Docker, CI/CD pipeline, Git, Concourse, PCF, Splunk, Jenkins, Jira, Rally, Unit Test, IT/AT/ST, Swagger, Bash, Selenium, SQL, Oracle, Mongo DB, New Relic, Sumo Logic, Splunk, Akamai, Pager Duty, Postman, SoapUI, Selenium, Cucumber, Gatling, Blaze meter, Launch Darkly, OAuth2

Principles: Functional programming, OOP, Infrastructure automation, Test Automation, TDD, and SOLID

EDUCATION:

Ph.D. in Information Technology

University of the Cumberland, Austin, TX

Current

Master of Science - Computer Science – GPA 3.67

Texas State University, San Marcos, TX

May 2017

Bachelor of Science - Computer Science– GPA 4.0

Aurora's Engineering College- Hyderabad, India

May 2015

EXPERIENCE:

Senior Software Engineer

Charles Schwab, Austin, TX

Aug 2020 – Current

- Designed, build, and maintain modern application with React, Java, Python, Bash
- Automate system Infrastructure as code using Ansible and Terraform
- Involved in writing application code (API) to interact with web services using JSON, XML
- Work in scrum process attending daily standup and completing tasks in the sprint
- Find and help fix stability, scalability, performance issues, cross-browser compatibility, and interoperability
- System support and maintenance, debug and fix bugs, solve the issues

Software Engineer II / DevOps

Cox Automotive, Austin, TX

Feb 2019 – Aug 2020

- Designed, build and maintain modern application with Spring boot java, React, AWS services
- Automate system Infrastructure as code using terraform
- Designed and create automated test such as unit, integration, activation, smoke, & load
- Designed and deployed scalable, highly available, and fault-tolerant systems on AWS
- Developed and reinforce testing methods, procedures for measuring product quality, and determining release
- Implemented best practices for load testing used by 50+ developer across the organization
- Developed a monitoring dashboard for product to monitor applications by 15+ metrics
- Decreased licensing fee for \$45,000/year by suggesting and implementing alternate technology

- Worked with scrum teams to establish and promote best practices and processes for automation

Software Engineer Consultant

June 2017 – Feb 2019

Various clients (The Home Depot, FeverFit, Camino), Austin, TX

- Analyze and understand detailed business requirements for the client and created application using Spring boot, React, AWS
- Redesigned a monolithic application into an AWS backed microservice ecosystem
- Improved test coverage by 80% through automation technologies
- Developed a CI/CD pipeline for releases to reduce cycle time by an average of 3 days
- Tech talk on 12-factor apps, Terraform, SonarQube, Lombok, Application Security testing

Software Developer Intern

Nov 2016 – May 2017

Ed Fi Alliance-Michael and Susan Dell Foundation, Austin, TX

- Worked on Ed-Fi (Education Fidelity) Data Standard published by Ed-Fi Alliance, which serves as a foundation for enabling interoperability and to improve student outcomes for 25+ vendors
- Worked on the technology tools including Operational Data Store, Application Program Interface that modeled the Ed-Fi Data Standard
- Performed Smoke testing, Developed cloud ODS Admin app to remove dependencies to Azure and abstract, built appropriate AWS connector

Graduate Research Assistant

Dec 2015 - Nov 2016

Texas State University, San Marcos, TX

- Performed a variety of tasks, including web site development and maintenance, research and report preparation, survey preparation and analysis

Technical Support Associate

Feb 2015 - July 2015

IBM at Hyderabad, India

- Provided desktop support for AT&T employees; diagnosed and resolved system issues

Software Developer

Jan 2014 – Jan 2015

Infochord Pvt. Limited at Hyderabad, India

- Developed approximately ten different websites for technical and non-technical clients
- Responsible for creating front end applications, user interactive (UI) web pages using web technologies like HTML5, CSS3, JavaScript, JQuery, and Bootstrap

ACHIEVEMENTS/AWARDS:

- Presented workshop on [Terraform](#) – IAC at developerWeek conference Austin, Texas
- Presented workshop on Infrastructure as Code at Austin Tech Summit
- 1st prize in ATX Political Hackathon ([VoteWithFriends](#))
- 1st prize in TechHire challenge event at Dell
- 1st prize in ADL International Game Jam ([Ali-Tale](#))
- Graduate Academic Excellence Award at Txstate
- Best Student Awardee at Aurora Engineering College
- Best Volunteer Awardee at Aurora
- Tuition Grant from Assistantship and Scholarship
- Hackathon Website in Angular 6 ([Plane-chain](#))

CERTIFICATION/TRAINING:

- AWS – [Solution Architect Associate](#)
- Google Cloud Certified – [Associate Cloud Engineer](#)
- List of other technology certification and training: [Google Drive](#)