

# Akshay Mittal

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## SUMMARY OF QUALIFICATIONS:

- Five-year background in diverse facets of Software development, design and execution of business applications
- Experienced in using various methodologies in 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 have hunger to learn, able to work to tight deadlines, and who can communicate effectively with technical peers as well as business users. Someone who encourages learning and the sharing of ideas and is always open to new ways of working

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## 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

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## EDUCATION:

**Master of Science - Computer Science – GPA 3.67**

May 2017

*Texas State University, San Marcos, TX*

**Bachelor of Science - Computer Science– GPA 4.0**

May 2015

*Aurora's Engineering College- Hyderabad, India*

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## EXPERIENCE:

**Software Engineer II / Automation Engineer**

Feb 2019 – Current

*Cox Automotive, Austin, TX*

- 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
- Designed reliable automation infrastructure for the monitoring and recovery of production servers using new relic
- Implemented best practices for load testing used by 50+ developer across organization
- Developed 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 using "Postman", 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
- Created Web Forms using ASP.NET and implemented form validation using Validation controls using both Custom validation and JavaScript was written for Client-side validations

**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

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**ACHIEVEMENTS/AWARDS:**

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- Presented workshop on [Terraform](#) – IAC at developerWeek conference Austin, Texas
- Presented workshop on Infrastructure as Code at Austin Tech Summit
- 1<sup>st</sup> prize in ATX Political Hackathon ([VoteWithFriends](#))
- 1<sup>st</sup> prize in TechHire challenge event at Dell
- 1<sup>st</sup> 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](#))

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**CERTIFICATION/TRAINING:**

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