

SAI KUMAR KOVOURI
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EDUCATION

University of Missouri Master's in Computer Science with GPA 4.0	Columbia, MO Jan '16 - Dec '17
Osmania University Bachelor of Engineering, Computer Science with GPA 8.1	Hyderabad, India Jun '09 - May '13

PROFESSIONAL EXPERIENCE

Assessment Resource Center Graduate Research Assistant	Columbia, MO June '16 - Present
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- Develop and maintain University websites using Agile methodology.
- Hands on experience in object-oriented, n-tier web app development using C#, AngularJS, MVC, SQL Server, TFS.

NetCracker Technology Solutions Software Engineer	Hyderabad, India June '13 - Dec '15
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- Worked as a Software Engineer in Electronic Card Account Management(ECAM) team
- ECAM is an AT&T Business Calling Card provisioning system providing near real time processing of calling card maintenance.

Roles & Responsibilities:

- Developed ECAM web application using Java/J2EE and Struts framework.
- Designed and developed an Implementation Plan Tool, which saved 150 IT hours annually.
- Played an important role in migration of ECAM servers from Convergys network to NetCracker.
- Automated production jobs by writing shell scripts.
- Worked on Development, Testing and Production phases of SDLC.
- Provide the root cause analysis for the issue, detailed document containing the methodology followed for fixing.

Technologies:

- Java/J2EE, JSP, Struts, HTML5, JavaScript, C, Pro C*, UNIX, Shell Scripting, Oracle 11g, SVN

Initiatives & Achievements:

- Won Spotlight Excellence Employee award for best performance.
- Cleared proficient level certification in UNIX and Shell scripting.
- Transferred knowledge to new and lateral hires on entire application flow and production activities.

PROJECTS:

Graduate Project

- Worked on a project where we implemented Software Defined Network to intelligently stream video.
- Implemented Openflow controller which changes the network path from server to the client based on client feedback.

Undergrad Projects

- Worked on a research project in final year "Titan Eye-Testing Device" proposed by Titan Industries Private Limited. Developed an android application which aimed at finding the possible ways to measure human acuity errors.
- Developed an application 'Instant Messenger with RSA encryption', a JAVA based application that provides instant messaging with text being sent in an encrypted format using RSA algorithm to provide security.

HONORS

- Certified by EMC² on **Information Storage Associate Version 2.**
- Demoed an android application at HackMizzou 2016.