Uttam Jakku

(562) 939-2183 | uttamjakku96@gmail.com | Long Beach, CA | Linkedin | Github | Portfolio

EDUCATION

California State University Long Beach — *Long Beach, CA*
Master of Science in Computer Science — *Aug 2021 - Dec 2022*

EXPERIENCE

Accenture — *Hyderabad, IN*
Software Engineer — *Mar 2018 – Jul 2021*

- Experience in DevOps methodologies, tools and processes. Managed and mentored a team of 5 DevOps engineers. Delivered projects on time and within budget.
- Expertise in CI/CD pipelines, automation and configuration management. Implemented CI/CD pipelines on a production scale, reducing deployment times by 50% and minimizing manual errors.
- Hands-on experience with scripting languages such as Python, Groovy, Shell, Ant. Developed scripts to manage users based on active login sessions in Bitbucket, saving the client 50% on users licensing costs.
- Proposed an automated alerting system to quickly report and fix frequently known issues, reducing resolution times by 50%.
- Acquired working knowledge of cloud infrastructure and deployments in AWS through experience in tools including EC2, RDS, S3, Lambda, VPC, IAM, API Gateway, and Cloud watch.
- Facilitated in the design, code and support of more than 250 integration solutions using IBM Integration Bus and Mulesoft. Performed over 300 Mulesoft API/Application configurations and deployments.
- Planned and executed user management schemes integrating Azure-AD, LDAP with existing client tools and Deployment environments (Cloud and Local Servers), managing over 200 users.
- Automated processes and scripts using programming languages. Migrated more than 2000 repositories from CVS to Git (Bitbucket) along with 10 years of commit histories using shell scripts.
- Experience in Git, including version control, branching, and merging. Designed and implemented more than 10 branching strategies in Bitbucket to accommodate stable builds, feature branches, hot fixes, minor changes.
- Knowledge of containerization technologies such as Docker and Kubernetes. Understanding of DevOps principles, including continuous integration and delivery, and infrastructure as code.
- Proficiency in ServiceNow, including incident management and workflow design. Knowledge of Jira, including project management, issue tracking and agile methodologies.
- Knowledge of Sonatype Nexus, including repository management, security and compliance, and automation of artifact management. Hands-on experience with Splunk, including log analysis and monitoring.

TECHNICAL SKILLS

Programming Languages & OS: Python, Java, C, C++, Java Script, Linux, Windows, MacOS.
Web Technologies: HTML, CSS, Node.js, React JS, Next JS, Tailwind, API, Express JS, Redux, MUI, JWT.
Tools / Softwares: Jenkins, Mulesoft, Git, Bitbucket, Jira, Service Now, Splunk, MySql, Docker, MATLAB, MongoDB, Kubernetes, Ansible, SonarQube, Nexus Artifactory.
Scripting Languages & Cloud: Shell Script, Bash Script, Ant Script, Groovy, Amazon Web Services, IAM, VPC, EC2, ELB, Auto Scaling, S3, Glacier, RDS, CloudFront, CloudWatch, Route53, SNS, SQS.

PERSONAL PROJECTS

- **Virtual Sketcher:** Developed a Computer Vision project which detects hands and palm landmarks in real time and uses the data to create a painter application. Can detect up to 10 fingers.
- Tools: Open CV2, NumPy, Mediapipe library, python, MATLAB IDE, Canvas.
- **Spotify Clone:** Built a responsive Single page web application replicating Spotify functionalities.
- Tools: Next JS, Tailwind CSS, Spotify API, NextAuth, Next Middleware, Recoil.
- **Social:** Built a full stack social media web application where users can register, upload pictures, like posts, view comments, add/remove friends.
- Tools: MongoDB, Express Js, React Js, Node Js, Material UI, Formik, Yup, JWT, Redux, Mongoose.

CERTIFICATIONS AND AWARDS

- Achieved certification as AWS Solutions Architect Associate and Splunk Fundamentals.
- Earned award of "ACE - Accenture Celebrates Excellence".