Rajkumar Bestha

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Professional Summary

Experienced in **Python**, Django, AWS and Azure DevOps for about 3 years at Virtusa in OIG - Research & Development and The Walt Disney Company. Expertise in designing and implementing cloud-based solutions using **AWS (Amazon Web Services)** and **CI/CD** tools. Hands on experience with **Django** and **Flask** web frameworks

Experience

Virtusa – Hyderabad, India – *Software Engineer*   *MAY 2018 – Present*
- Designed and Implemented completely **serverless** cloud **solutions** using AWS.
- **Reduced** the operating **cost** of an existing application by 60% by making it completely serverless.
- Designed and Developed the **REST APIs**, Database Schema, Deployment Architecture and participated in the design discussions.
- Designed a new **Authorization flow** for the new and existing applications by leveraging the OKTA Open ID Connect (**OIDC**) Authentication and AWS **Cognito**, wrote an article on the same.
- Took responsibility of Continuous Integration and Continuous Deployment (CI/CD) for the applications
- Designed and Implemented Multipart Upload of the files with more than 500GB efficiently by leveraging the AWS S3 SDK
- Developed a **Cookie Cutter** template for new Django REST applications to kickstart their development without the hassle of initial setup, deployment and to enforce best coding standards.
Technologies: Python, Django, AWS, Terraform, AzureDevops, OKTA

Virtusa – Chennai, India – *Associate Software Engineer Intern*   *JAN 2018 – FEB 2018*
- Developed an API which classifies the comments into technical or general categories using machine learning and NLP which helps the developers in code review.
- Learnt the basics of Software Engineering.
Technologies: Python, Flask, Docker

Tools and Technologies

- **Languages**   Python, Java, Terraform, C#, Javascript
- **Web**   Django, Flask, React
- **Cloud**   AWS, Google Cloud
- **Database**   PostgreSQL, MySQL
- **Orchestration**   Azure Devops, TeamCity, Docker
- **Identity Provider/AD** OKTA Identity, Cognito

Education

Bachelor's – Computer Science and Engineering   *May 2018*
Keshav Memorial Institute of Technology, JNTU, Hyderabad, India

Certifications

- AWS Certified Associate Solutions Architect
- Oracle Certified Java SE8 Associate
- Machine Learning Certified by Coursera

Achievements

- Won 2nd in India-wide NeuralHack hackathon - 10,000 participants
- Won 1st in undergrad web app competition - 100 participants

Research Article

Single Sign On (SSO) using OKTA OpenID Connect (OIDC), and AWS Cognito to access AWS resources (https://www.linkedin.com/pulse/single-sign-sso-using-okta-openid-connect-oidc-aws-cognito-bestha/)

Personal Profile

Father's Name:	Govindu Bestha
D.O.B:	25th May 1997
Interests:	Photograghy, Music
Languages Known:	English, Hindi, Telugu
Nationality:	Indian
Address:	H.No:145/A, Panchayatraj colony, Gurramguda, Hyderabad-110