

Akash Bhaskaran

Web/Mobile Application Developer | Cloud Certified | Machine Learning Enthusiast

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EDUCATION

Course	Branch/Subjects	University/Board	Institution	Year	Percentage / GPA
B. Tech	Computer Science & Engineering	M. G. University	Adi Shankara Institute Of Engineering & Technology	2017	7.4

TECHNICAL EXPERTISE

Languages : **Java(Spring), Python**
Mobile App Development : **Android**
Database : **SQL , MongoDB**
Tools and Components : **Android Studio, Jenkins, Ansible, Docker, ELK**
InfraStructure As Code : **Terraform**
Project Methodologies : **Agile, Scrum** and Waterfall
Cloud : **AWS, Azure**

ACHIEVEMENTS

- Selected as **Best Project at NASA SPACE APPS CHALLENGE 2016**, Kerala region
- Finalist at **UST Global** Intra Company Coding Challenge – '19
- Finalist at **National Level CyberSecurity and Innovation Hackathon**
- Cleared **CODEVITA** Level 1, global level coding competition hosted by TCS

CERTIFICATIONS

- AWS Solutions Architect - Associate**
- Microsoft Certified – Azure Fundamentals**
- Python** programming from Edx

DIGITAL SKILLSET

- Deployment Automation using DevOps(CI/CD)
- Machine Learning & Data Analytics
- Internet of Things

PROFESSIONAL EXPERIENCE (2years 10Months)

Company	Role	Key Highlights
UST Global Pvt Ltd (Trivandrum/Bangalore) March 2018 – Present	Senior Software Developer (March 18' – Present)	Cloud Compliance Monitoring – Pacbot OpenSource Version : https://gitlab.com/tmobile/cloud/pacbot/pacbot <ul style="list-style-type: none">Develop Java API and modules to perform various tasks .Develop software to implement rules on AWS/Azure resources to enhance security for cloud services and identify all services violating policies and take autofix/actions accordingly .Usage of ElasticSearch and implemented query modules for data fetching .Followed TDD(Test Driven Development) and developed Unit Test cases along with. Build and implement CI/CD pipeline using Gitlab . Develop Python/Shell scripts for build automation . Enable containerized deployment using Docker and Kubernetes. Automations <ul style="list-style-type: none">Lead a Team of 5 members.Performed Sprint planning and Task estimation.Automating the build and release process of different applications using various DevOps tools such as Ansible, Git, Jenkins, RTC and UCD .Develop Docker Files for application Containerization.Develop SlackBot and AmazonLex Bots to implement automatic alert monitoringDevelop Python scripts for Bot tasks.Develop BackEnd for Web Application using Python(Flask)Develop Terraform Scripts for Infrastructure Provisioning.Develop AWS Lambda Functions for various tasks.Usage of AWS Cloud services for pipeline building , serverless approachDeveloped Ansible scripts to automate the current deployment process.Generate Common playbooks for similar deployment strategies DataAnalytics <ul style="list-style-type: none">Built POC for Digital Marketing in Retail Sector involving Data Analytics and Machine Learning algorithms which helped in improving the campaign efficiency by 15%, Helped target the appropriate customer segments and also helped redefine Inventory management strategies. Involved creation of Data Visualizations .Implemented various algorithms tracking inventory consumption , suggestions for frequently used product combinations .
Synconext India Pvt Ltd (Bangalore) Sept 2017 – March 2018	Software Engineer (Web/Mobile) Sector: Internet of Things	<ul style="list-style-type: none">Developed Web and Mobile Application from scratch which enables users to control the light intensity at their workplace, also lists down the available meeting rooms in the organization based on the present occupancy status.Enabled individual/zone wise control of lights in Board rooms and ODC's.Involved in full development cycle from concept to deliveryBug Fixes and enhancements added to existing software (Building Management System) and Defining APIs at the server side
Perfect Fit Systems Ltd (Cochin) Aug 2017 – Sept 2017	Android Developer Intern Sector: Health and Fitness	<ul style="list-style-type: none">Implementing new features/specifications to an existing application which enables a user to keep track of their fitness progress after every workout.Integrating application with API's ,Redesigned UI .
HealthVings Pvt Ltd (Bangalore) May 2016 – June 2016	Software Developer Intern (Android Development) Sector: Healthcare Industry	<ul style="list-style-type: none">Bug fixing and performance enhancement of existing software.Managing system defects and ensuring that these are successfully addressed and closed. Integrating with Realm database for offline data storage.