Isham Ibrahim

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Lead Developer

With over 10 years of experience, I have consistently delivered high-quality software solutions, resulting in major improvements in efficiency and reduction in downtime and latency in just a few months. My expertise in OAuth2 integration, report generation, and microservice architecture has positively impacted project delivery and client satisfaction.

WORK EXPERIENCE

Alcor Solutions Inc • Noida, India • 07/2023 - 03/2024
Lead Developer

- Managed development team to successfully meet project deadlines, resulting in on-time delivery of high-quality software and increased client satisfaction.
- Implemented efficient task tracking system, resulting in improved team coordination, timely project delivery, and increased client satisfaction.
- Led the successful adoption of test-driven development, resulting in decrease in production issues and better development efficiency.
- Proactively communicated with multiple teams and stakeholders, ensuring accurate alignment of business requirements with team objectives.
- Streamlined development processes through the consistent application of best practices and quality standards using modern tools such as SonarQube, Pylint, Dependabot, resulting in increased team productivity and faster time-to-market.
- Successfully integrated Google and Microsoft OAuth2 authentication mechanisms into applications.
- Technologies used: Python, Django, DRF, Postgres, AWS Lambda, SonarQube, Pytest, PyLint, AWS Aurora, Oauth2, AWS Cognito, AWS S3, Docker, Linux, Agile methodology, JIRA, Confluence, Github etc.

Akamai Technologies • Bengaluru, Karnataka, India • 07/2018 - 07/2023
Software Engineer Senior

- Designed and deployed CDN configuration systems, resulting in reducing customer onboarding time by 80% with add-on services thereby enhancing user experience.
- Team collaboration and communication leading to efficient scrum ceremonies.
- Developed and implemented new reporting applications using Python Django and DRF, with increase in data accuracy and efficiency.
- Hosted discussions to gather and convert requirements with various stakeholders.
- Developed an efficient and user-friendly CLI application for Akamai Configuration management using Golang and Cobra.

- Built a task-flow management web application in GoLang exploiting goroutines.
- Developed event-driven report generating applications using StackStorm and Apache Airflow successfully avoiding manual intervention.
- Migrated a reporting application with various asynchronous data streams to a scalable micro-service layout using Celery, Redis and Cassandra thereby reducing costs and quicker deployments.
- Designed and developed a universal report generation tool using Java and Spring Boot integrated with Selenium automation test suite.
- Drove team performance by applying various design approaches during development.
- Technologies used: Python, GoLang, Java, Django, DRF, Cobra (GoLang), Springboot, Postgres, MongoDB, Oracle, Apache Airflow, StackStorm, AWS S3, Celery, Redis, Cassandra, JIRA, Confluence, Bitbucket, Blackduck, Docker, Selenium, Jenkins, LDAP, Akamai Netstorage, Logstash, OpenSearch, Swagger, Asynchronous programming etc.

Accion Labs (Rackspace Development Centre) • Bengaluru, India • 03/2017 - 06/2018
Senior Engineer

- Collaborated on the development of critical features for the Rackspace Compute system.
- Contributed to the enhancement of the OpenStack Compute module (Nova) through feature development.
- Spearheaded the provisioning of automatic configuration management for OpenStack cloud components using Ansible.
- Technologies used: Python, Django, OpenStack, Ansible, Github, Jenkins, Hypervisor, Virtualization, Swagger, etc.

SignEasy • Bengaluru, India • 06/2016 - 03/2017
Backend Engineer

- Led the re-architecture of the SignEasy backend service, implementing significant improvements in efficiency and scalability on AWS cloud. Resulted in a around 20-30% reduction in downtime and latency.
- Designed and developed server-side RESTful APIs for the application using Python and Flask, ensuring robust functionality and performance.
- Integrated multiple third-party tools and developed an internal administration panel using PHP, streamlining operations and enhancing workflow efficiency.
- Successfully integrated the Stripe Payment Gateway, enabling secure and seamless payment processing for the application.
- Technologies used: Python, PHP, Flask, MySQL, AWS, AWS S3, Stripe Payment API, Google Oauth2, RQworker, Redis, htpasswd, github, Swagger, etc.

Mangalore Infotech Solutions (Unicourt India) • Mangalore, India • 07/2012 - 06/2016
Software Developer

- Spearheaded the development of a crowd-sourcing application using AWS's Mturk and Boto Library, leveraging Python.
- Engineered a CAPTCHA Breaking module utilizing Python's PIL and Machine Learning techniques, enhancing automation capabilities.

- Constructed multiple Python web crawlers utilizing Python's BeautifulSoup for efficient data extraction and analysis.
- Implemented distributed task management using Celery and RabbitMQ, optimizing workflow efficiency and task allocation.
- Designed a scalable search application utilizing Apache Solr, improving search functionality and performance.
- Managed server configurations effectively using SaltStack, ensuring system stability and security.
- Developed a Python-based probabilistic lead generation application, enhancing lead identification processes.
- Engineered a SaaS application using Django, Django Rest Framework (DRF), and Sphinx-search, providing robust and scalable solutions for clients.
- Technologies used: Python, R, Jquery, Django, DRF, AWS, AWS S3, MySQL, MongoDB, AWS RDS, AWS DynamoDB, Gensim data modeling, Sphinx search, Apache Solr, SupervisorD, Celery, RabbitMQ, AWS mTurk, PIL, gitLab, etc.

EDUCATION

Bachelor Of Engineering In Computer Science & Engineering
Visvesvaraya Technological University • Belgaum, Karnataka, India • 09/2008 - 07/2012

CERTIFICATIONS

Docker and Kubernetes: The practical guide (AWS Platform)
Udemy

Software Architecture and Design of modern large scale systems
Udemy

Python Design Patterns
Udemy